CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Apartment, New York, N. Y., Corporation c/o Rhodes-Kennedy Co., $7,000,000.

Bridge, New York, Dpt. Plant and Structures, New York, revising plans, $6,000,000.

Coking plant, Port Stanley, Ont., Dominion Gas Co., St. Thomas, $2,000,000.

Hotel, Chicago, Ill., H. Jansen, sketches, $1,750,000.

Highways, Seattle, Wash., King Co., appropriated, $1,666,000.

Hospital, Boston, Mass., Massachusetts General Hospital, revised plans, $1,500,000.

Bridge, Newark, N. J., State Hy. Comn., Trenton, $1,500,000.

Medical arts, Des Moines, Ia., Syndicate, $1,500,000.

Plant, Frankfort, Ky., Kentucky Cement Corp., $1,500,000.

Garage, New York, N. Y., Kent Garage Investing Corp., $1,400,000.

Apartment, Wash., D. C., El & Kay, $1,250,000.

Hospital, Malden (br. Boston), Mass., Malden Hospital, c/o archts., sketches, $1,200,000.

Garage, Jersey City, N. J., Burstyn & Heftler Corp., Union City, sketches, $1,000,000.

Apartment, New York, N. Y., Bing & Bing, to exceed $1,000,000.

Office, New York, N. Y., New York County Lawyers Assn., $1,000,000.

Terminal warehouse, Cleveland, O., Nicholson Universal Steamship Co., sketches, $1,000,000.

Bids Desired

Railways; New York, New Jersey, Pennsylvania and Delaware, Pennsylvania R.R. Co., Phila., Pa., taking bids, $100,000,000.

Apartments, St. Louis, Mo., Paramount Constr. Co., takes sub-bids about Nov. 15, $2,000,000.

Factory, Windsor, Ont., Chrysler Corp. of Canada, takes bids about Nov. 14, $1,500,000.

Public Bond Elections, coming and decided, are listed on Construction News page 249a.

City hall, Bayonne, N. J., Bd. City Comrs., bids about Nov. 15, $1,000,000.

Hospital and nurses home, Belleville (br. Newark), N. J., Bd. Freeholders Essex Co., bids about Nov. 15, $1,000,000.

Contracts Awarded

Subway, New York, N. Y., Bd. Transportation, Sect. 4, Route 106 to Slattery-Daine Contg. Co., $5,232,390.

Exchange, Bridgeport, Conn., Southern New England Telephone Co. to E. & F. Constr. Co., total est. $3,000,000.

Apartments, Chicago, Ill., J. Rosenwald, to B-W. Constr. Co., est. $2,750,000.

Subway, Brooklyn, N. Y., Bd. Transportation, New York, Sect. 6, Route 109, to Rodgers & Haggerty, New York, $2,679,408.

Power plant, Dallas, Tex., Dallas Power & Light Co., owner builds, $2,500,000.

Office and garage, Chicago, Ill., A. S. Alschuler Inc., archts., to H. Ericcson Co., and others, for owners, total est. $2,100,000.

Apartment, Chicago, Ill., L. S. Drive Corp., to Turner Constr. Co., est. $1,500,000.

Power plant, Bingham, Me., Central Maine Power Co., Augusta, to M. C. Tuttle Co., Boston, Mass., est. $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

Mass., Wareham — Town, waterworks, Main St. $15,000 or more.

Mich., Pontiac—Extending 24,855 ft. 6- to 12-in. c.i. mains, one hundred sixty-five 6- to 16-in. A. W. W. A. gate valves, in Perry Park and Perry Park 1 Subdivision. Owner furnishes pipe. J. R. Pollock, City Hall, engr.

Ark., Star City—Soon takes bids 21,000 ft. 2- to 6-in. c.i. or concrete lined pipe, 20 fire hydrants, 50,000 gal. tank on 100 ft. tower, valves, gate valves. $30,000. R. P. Parker, P. O. Box 126, Star City, engr. Noted Oct. 25.

Tex., Archer City — City revised plans 22,000 lin.ft. 6- to 8-in. c.i. pipe, elevated tank, fire hydrants, concrete reservoir. $40,000. Former bids rejected. Montgomery & Ward, Wichita Falls, engrs. Noted Oct. 4.

Bids Desired

N. J., Red Bank — See "Contracts Awarded."

O., Cleveland—Nov. 14, by Comrs. Cuyahoga Co., mains in Burns Ave. and Dewey Rd. To exceed $15,000. F. Williams, Court House, engr.

Mich., Allen Park — Nov. 13, by L. Quandt, village clk., Ecorse and Allen Rds., 39,050 ft. 6 and 8 in. c.i. pipe, 57 hydrants, seventy-three 6 and 8 in. valves, Hamilton Blvd. Subdivision; 3,888 ft. 6 and 8 in. c.i. pipe, 12 hydrants, seven 8 in. valves in Lincoln Park Manor, Special Assessment Dist. 14; 28,700 ft. 6 and 8 in. pipe, 49 hydrants, fifty-one 6 and 8 in. valves, in Allen Grove Subdivision, Special Assessment Dist. 18. G. H. Ruhling & Co., 900 Lawyers Bldg., Detroit, engrs.

Ill., Chicago—Nov. 13, by City, at office Bd. Local Impvts., City Hall, water service pipes in 29 streets and avenues. M. J. Faherty, pres.

Mo., St. Louis—Dec. 4, by Bd. P. Serv., City Hall, new channel in Mississippi River near Homers Dike at Chain of Rocks Water Works Station. $70,000. L. Day, City Hall, water comr.

Calif., Los Angeles—Nov. 19, by M. B. Beatty, clk. Los Angeles Co., deep well turbine pump for Tract 4.

Contracts Awarded

N. Y., Brooklyn—J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Avenues R, T and Z, Lancaster, Sheridan and 16th Aves., to Riverdale Water Works, Inc., 1 Riverdale Ave., New York, $10,700. Noted Oct. 18.

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., replacing broken low pressure hydrants, to J. D. Nugent, 1617 73rd St., Brooklyn, $4,348. Noted Oct. 11.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.) according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

N. J., Red Bank — Monmouth Consolidated Water Co., 3rd Ave., Long Branch, 250 x 350 ft., rein.-con. settling basin enclosed with woven wire fence, grading, separate contracts. $20,000. C. E. Slocum, 3rd Ave., Tinton Falls, engr.

Miss., Starkville—A. & M. College, deep well, reservoir, to Layne-Central Co., Chelsea St., Memphis, Tenn., $19,050, pump house, to A. C. Jones, Starkville, $8,378.

La., Sulphur—Mayor and Bd. Aldermen, mains, valves, boxes, pumps, to S. B. Stewart, Baton Rouge. Total est. $55,000. Noted Oct. 4.

Mich., Oak Park (Sta. Flint)—For 21,095 ft. 12- to 27-in. concrete and vitr. sewers in Special Assessment Dists. 1 to 3 (inclusive), to B. Conini, Columbus, O. Est. $35,000.

Kan., Gypsum — City, waterworks, distribution system, to Mellert Constr. Co., Brown Bldg., Wichita. Noted Oct. 11.

Kan., Paola—Waterworks improvements, to Chicago Bridge & Iron Wks., 37 West Van Buren St., Chicago, Ill., $16,702. Noted June 21.

Sewers

Proposed Work

Mass., Wareham — Town, sewerage system, Main St. $100,000.

N. J., Fanwood—Bd. Boro Council, Boro Hall, preliminary plans sewerage system. $100,000. F. A. Dunham, 109 Park Ave., Plainfield, boro engr.

N. J., Westfield — Town Council, Town Hall, preliminary plans sewers in Forest, Glen and Edgewood Aves. $25,000. J. Hopkins, town engr.

Mo., St. Charles—Soon takes bids 50,000 ft. sanitary sewers. $50,000. H. D. Smelser, City Hall, city engr. Burns & McDonnell, Interstate Bldg., Kansas City, consult. engrs. Noted Nov. 1.

Tex., Archer City — City, revised plans 18,000 lin.ft. 6- to 12-in. Class A c.i. and vitr. tile pipe, sewage treatment plant, manholes, cleanouts. $35,000. Former bids rejected. Montgomery & Ward, Wichita Falls, engrs. Noted Oct. 4.

Que., Preston—Town Council expending $41,027, sewers, roads.

Ont., Hamilton—Council, overflow sewers in Wood, McAuley, Catharine and Ferguson Sts. $75,000. W. L. McFaul, City Hall, engr.

Bids Desired

N. J., Newark — Nov. 9, by Bd. City Comrs., City Hall, 15- to 21-in. rein.-con. storm water sewer in Stuyvesant Ave. and Schofield St. $25,000. J. M. Costello, city engr.

Md., Baltimore—Nov. 14, by Bd. Awards, sanitary sewers in Sewer Dist. P-4 and H-9, Sanitary Contr. 255. M. J. Ruark, sewerage engr.

Ala., Birmingham—Dec. 5, by City Comn., sewerage system in 4 blocks 72nd St. N. near 5th Ave. $30,600. A. J. Hawkins, city engr.

O., Akron—Nov. 19, by F. E. Swineford, dir. P. Serv., 6,900 ft. 24- to 66-in. vitr. clay sewers, drains in airport in connection

See proposal advertising on page 130

Constr. News page 247

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

"The World's Playground" has used Leadite with complete satisfaction for over 20 years

ATLANTIC CITY, New Jersey, is proud of its well-paved streets. In laying new or additional cast iron mains, the engineers always use Leadite. They know from the experience of nearly one-quarter of a century that Leadite joints are absolutely secure and that the occasion will not arise where paved streets have to be dug up to repair the line.

In addition to the mains under the paved streets, Leadite was used for jointing the 24" main that runs under the famous boardwalk.

Other lines run through salt marshes, over bridges and under numerous railroad tracks.

The sizes of these mains run from 4" to 48".

Mr. L. Van Gilder is Engineer and Superintendent of the Atlantic City water department.

Added to the security and permanence of Leadite joints there is a saving of 75%.

For its economy—permanence—security—and the speed with which jointing can be finished—Water Works men specify and use Leadite.

Laying 24" c. i. water mains, with Leadite Joints, in Atlantic City under paved street.

Specify and use LEADITE —it saves at least 75%

Be sure it is LEADITE and accept no imitations~~~

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Sewers (Continued)

with agreement with Goodyear-Zeppelin Corp. Noted Apr. 19 under "Unclassified."

Mich., Allen Park — Nov. 13, by L. Quandt, village clk., Allen and Ecorse Rds., 7,204 ft. 12- to 36-in. concrete or vitr. sewer in Lincoln Park Manor Subdivision 3; 2,475 ft. 12 in. sewer in Dist. 15. G. H. Ruhling & Co., 900 Lawyers Bldg., Detroit, engrs.

Mich., Plymouth—Nov. 12, by G. Dingman, drain comr., Wayne Co., 1004 Lawyers Bldg., Detroit, 5,745 ft. 12- to 24-in. vitr. clay pipe for Robinson Subdivision Tile Drain.

Ill., Chicago—Nov. 13, by City, at office Bd. Local Impvts., City Hall, sewer drains in 32 streets and avenues. M. J. Faherty, pres.

Wis., Greenwood — Nov. 16, by W. J. Schwarzel, city clk., sanitary sewerage system, 2 disposal plants, $70,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, Minn., engrs. Noted Aug. 16.

Tex., Houston—Nov. 14, at office City Secretary, sewers in Beverly, 12½ and Live Oak Sts., McGowan and Euclid Aves., and alley between Lillian and Rose Sts. O. F. Holcombe, mayor.

Okla., Garber—Nov. 23, by C. N. Birdsall, city clk., 3,500 ft. 15 in. vitr. clay outfall sewer, disposal plant, Imhoff tank. $28,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 13.

Calif., Los Angeles—Supervs. Los Angeles Co., bids about Dec. 24, 5.25 mi. cement sewers in Impvt. 686-Forrest Lawn St. $68,083. W. F. Foster, Klinker Bldg., engr. Noted Nov. 1.

Contracts Awarded

N. J., East Orange — Bd. City Council, City Hall, storm water drain in Lloyd Brook Valley, to Spiniello Constr. Co., 493 Monroe St., Orange, $110,000. Noted Nov. 1.

Ind., Anderson—Bd. Wks., North Anderson Sewer, to Sorensen & Zohner, Grand Rapids, Mich., $240,000. Noted Sept. 27.

Mich., Detroit—Dpt. P. Wks., City Hall, to R. D. Baker, 1631 Elmhurst Ave., sewers in Regular Ave. $56,364, Christiancy Ave. $12,974, Michigan Ave. $61,638; to Blanck & Gargoro, 40 Seven Mile Rd. E. Tireman Ave. $162,135, West Chicago Ave. $145,432; to Lennane & McIlvenna, 7777 West Chicago Blvd., Warren Ave. $291,415; to R. Serra, 9738 Martindale Ave., Moffat Ave. $54,206; to G. R. Cooke Co., 1216 Penobscot Bldg., Rivard Sewer, Sect. 1, in Marseilles, Mack and Cadieux Aves. $296,172; to A. Rossi, 5307 Pennsylvania Ave., Mack Ave. $91,906. Grand total $1,172,242.

Mich., Oak Park (Sta. Flint)—For 40,000 ft. 6 and 8 in. c.i. pipe in Dist. 1, to J. H. Lovett, 208 Lincoln Bldg., Detroit; 49,180 ft. 6-8 in. c.i. pipe, Dist. 2, to T. C. Brooks, 1217 Longfellow Ave., Detroit.

Kan., Meade—City, 33,323 ft. 8 and 10 in. vitr. clay sewers, to W. B. Carter, 7 North Rockford St., Tulsa.

Tex., San Antonio—City 1,500 lin.ft. 36 in. outfall sewers in Old Concepcion Rd., to Chicago Bridge & Iron Wks., Dallas Natl. Bank Bldg., Dallas, $26,000.

Okla., Ada—Extending sewers in Dists. 16 to 20 (inclusive), to Asplund Constr. Co., Masonic Bldg., Enid, $46,000. Noted Oct. 4.

Calif., Los Angeles—Supervs. Los Angeles Co., cement sewers, concrete cradle manholes in Belvedere Gardens Unit 1, Impvt. 577, to O. K. Hearte, 1530 Paloma St., Pasadena, $115,442, est. $140,761. D. and W. S. vitr. sewers, manholes, resurfacing Impvt. 687, Burkhart Home Tract—Graham Unit 1, to O. G. Gadza, 1539 North Ave. 55, $46,003 est. $58,940. Noted Nov. 1.

Waste Disposal

Bids Desired

N. Y., Brooklyn—Nov. 14, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, removing sludge from sewers in 60th St. between 18th Ave. and Long Island R.R. west of 16th Ave., 14th and Wortman Aves., Hendrix and Milford Sts.

Contracts Awarded

N. Y., Brooklyn—Brooklyn Ash Removal Co., at office Street Cleaning Dpt., Municipal Bldg., New York, incinerators at (1) Gowanus Canal (2) Newton Creek (3) Avenue J, furnace equipment, to Hiler Eng. & Contg. Co., 122 Livingston St. (1) $380,000 (2) $380,000 (3) $364,000; chimneys, to M. W. Kellogg, 71 Dey St., New York (1) $31,000 (2) $32,800 (3) $32,000. Grand total $1,218,800. Noted Nov. 1.

Bridges

Proposed Work

New York — Dpt. Plant & Structures, Municipal Bldg., New York, revising plans 3 additional traffic lanes on upper level Queensboro Bridge, widening approaches. $6,000,000. A. Goldman, comr. Noted June 23, 1927.

N. J., Newark — State Hy. Comn., State House, Trenton, bridge over Passaic River, on Route 1 extension. Waddell & Hardesty, 150 Bway., New York, engrs. $1,500,000.

Oklahoma — State Hy. Dpt., Oklahoma City, preliminary plans 4 span 125 ft. rein.-con. bridge on U. S. Hy. 81, Kingfisher Co. To exceed $25,000. C. R. Mandigo, hy. engr.

Que., Quebec—City Council steel bridge over St. Charles River. $400,000.

Bids Desired

New York and New Jersey — Nov. 19 (extended date), by Port of New York Authority, 75 West St., New York, steel work Kill von Kull Bridge between Bayonne, N. J. and Port Richmond, N. Y.; adv. E. N.-R. Nov. 8. Noted Oct. 4.

N. J., Hawthorne—Nov. 14, by Bd. Freeholders Passaic Co., Court House Paterson, constructing Warburton Ave. Bridge. G. Ferguson, Paterson, co. engr.

Florida—Nov. 27, by State Roads Dpt., F. A. Hathaway, chn., Tallahassee, 4,256 ft. concrete bridge on Rd. 5, Project 772, Charlotte Co.—5 rein.-con. culverts, 6 rein.-con. bridges, Rd. 24, F. A. Project 62-B, Osceola Co.—Middle River and Hillsboro River Bridges Rd. 4, Project 653-B, also Tarpon River and Himmarshee Canal Bridges, Rd. 4, Project 654-B, Broward Co.—Palm Beach Canal Bridge, Rd. 4, Project 683-B, Palm Beach Co. J. L. Cresap, state hy. engr.

Alabama—Dec. 5, by State Hy. Comn., Montgomery, rein.-con. bridges in Pickens, Monroe and Wilcox, Green, Coosa and Chilton, Bibb, Dallas, and Jackson Counties; grading 500 ft. approaches to bridge, Morgan Co. W. Finnell, hy. dir.

Ill., Chicago—Nov. 22, by M. J. O'Brien, clk. Sanitary Dist. of Chicago, substructure South Harlem Avenue bascule bridge, Contr. 1. T. J. Crowe, pres.; adv. E. N.-R. Nov. 8.

Minnesota—Nov. 20, by State Hy. Comn., St. Paul (**S. P. means State Project, and Br. Bridge**), Br. 4753 over Shell Rock River, S. P. 9-45-1, Albert Lea—Br. 4390 over Mississippi River on S. P. 25-23, Monticello—Brs. 4800 and 4825, over Minnesota River, on S. P. 70-21, south of Fairfax.

Kan., Ft. Scott—Nov. 15, by W. I. West, clk. Bourbon Co., 120 ft. concrete arch span bridge, 20 ft., on Kansas Project 712-B. $25,000. H. C. McCurley, Ft. Scott, co. engr.

Kan., Marion—See "Streets and Roads."

Texas—Nov. 19, by G. Gilchrist, state hy. engr., Austin, concrete timber pile bridge, Leon Co. $45,600; bridges on Hy. 9, Sterling Co., $46,800.

Tex., Anderson—Nov. 19, by State Hy. Comn., R. S. Sterling, chn. Austin, bridge and approaches on 0.468 mi. Hy. 105 from Sta. 791 to Montgomery Co., 8 x 5 x 10 concrete box culvert, 105 ft. creosoted timber pile trestle bridge with five 20 ft. clear spans, Grimes Co. O. A. Seward, co. engr. Noted Sept. 6.

Arizona—See "Streets and Roads."

Washington — Nov. 20, by State Hy. Comn., Olympia, reconstructing Castle Rock Bridge on State Rd. 1, Cowlitz Co.—widening shoulder on 0.6 mi. State Rd. 3, King Co.—constructing 110 ft. concrete T-beam bridge and approaches over Curley Creek, on State Rd. 14, Kitsap Co. S. J. Humes, state hy. engr.

Bids Received

Missouri — State Hy. Comn., Jefferson City, Oct. 25 (**R. means Route**), from Richmond Constr. Co., Advance, four 3 ft. and two 12 ft. rein.-con. slab spans over creek, on R. 21, Ripley Co. $4,041—from Millers, George & Constr. Co., Poplar Bluff, two 10 ft. rein.-con. slab spans on R. 53, Sect. 3-A, Butler Co. $964—from C. A. Mustion, Mountain Grove, two 5 ft. rein.-con. slab spans on same road, $1,104—from F. Kersting, Jefferson City, two 5 ft. rein.-con. slab spans over creek, R. 22, Boone Co. $750—from R. H. Sharp, Reeds Spring, two 10 ft. rein.-con. slab spans over dry branch, R. 38, Lawrence Co. $1,918—from J. M. Roark, Anderson, two 10 ft. rein.-con. slab spans over side ditch, R. 12, Barton Co. $1,313; three 10 ft. rein.-con. slab spans over branch $5,091; five 50 ft. rein.-con. deck girder spans over Muddy Fork Spring River, R. 12, Barton Co. $24,738 — from Kelly & Underwood, Granby, two 6 ft., four 10 ft. rein.-con. slab spans over branch, $6,109; one 50 ft. rein.-con. deck girder span over Snag Creek, $6,315, all on R. 13, Cedar Co.—from J. H. Miller & Son, Leon, Ia., three 35 ft. rein.-con. deck girder and one 80 ft. steel truss spans over Tabo Creek, R. 24, Lafayette Co. $16,153; five 32 ft. I-beam spans on concrete piles over Kings Branch, Atchinson Co. $11,406—from Ozark Eng. Co., Joplin, three 50 and four 35 ft., rein.-con. deck girder spans over Spring River, R. 38, Lawrence Co. $21,692; three 50 ft., five 35 ft. rein.-con. deck girder spans over Honey Creek, Lawrence Co. $22,898—from McGlone & Walesby, Glasgow, 200 ft. steel truss span over North Fabins River, Marion Co. $24,865—from E. E. Hudson, Sikeston, three 45 ft. rein.-con. deck girder spans over south fork Little Black River, Ripley Co. $11,793—from M. E. Gillioz, Monett, two 40 ft., one 50 ft., rein.-con. deck girder, one 16 ft. rein.-con. slab spans over Big Weaubleau, R. 64, Hickory Co. $9,822. Noted Sept. 20.

Contracts Awarded

Vt., Bethel—State Hy. Comn., Montpelier, concrete bridge approaches, to Cenedella & Co., Milford, Mass., $74,916. Noted Oct. 18.

N. Y., Johnstown—A. Wanda, city clk., City Hall, reconstructing bridge over Cayadutta Creek, on West Main St., to Morrel Vrooman, Inc., Gloversville. Noted Sept. 27.

New Jersey—State Hy. Comn., Trenton, bridge on Route 29, Weequahic Park, Newark, to O'Gara Constr. Co., 242 Market St., $58,759. Noted Aug. 30.

N. J., Belvidere — Warren Co., Court House, rein.-con., steel bridge over Bulgings Brook, to S. S. Thompson & Co., 170 Monmouth Ave., Red Bank, $55,167.

Ohio — H. J. Kirk, dir. Hys., Columbus, steel truss bridge, Licking Co., and concrete slab bridge, Holmes Co., to McDonald Constr. Co., Newark, $18,997 and $9,369 respectively—new slab top culvert, grading, paving Lake Co., to C. D. Stevenson, Painesville, $6,074—steel bridge with abutments, approaches, bituminous macadam paving Williams Co., to M. Rabbitt & Sons, 1026 Water St., Toledo, $51,688—twin-span concrete beam bridge, Montgomery Co., to Price Bros., Dayton, $26,774 — concrete bridge Columbia Co., to C. Agresta, Cleveland, $4,556—skew slab bridge, Coshocton Co., to W. M. Brode Co., Newcomerstown, $3,601—4 concrete slab bridges, Marion Co., to H. B. Waters, Columbus, $15,165. Grand total $136,494. Noted Oct. 4.

Kan., Kingman—Kingman Co., Spivey Bridge, bridge over Smoots Creek, 3 bridges over Smoot Creek, to Von Stewart Constr. Co., Dodge City, $87,469. Noted Oct. 4.

Kan., Wellington — Sumner Co., bridge over Arkansas River, on Rd. K-12, to Yancey Constr. Co., Abilene, $55,112; bridge over Fall Creek, to Wells & Sons, Enid, $16,719. Noted Oct. 11.

Nebraska—See "Streets and Roads."

Montana—See "Streets and Roads."

Mo., Springfield—City Water Co., 1,200 ft. rein.-con., steel bridge over lake northwest of here, to Burnip Constr. Co., 568 East Broad St., Columbus, O. Est. $50,000.

California—State Hy. Dpt., Sacramento, Oct. 17, 2 timber trestles on pile bents over Berenda Slough and Ash Creek, Madera Co., to A. W. Kitchen & Co., 110 Market St., San Francisco, $50,193. Noted Nov. 1.

Dams

Proposed Work

Colo., Canon City—City, R. H. Kellogg, city clk., rebuilding dam at Mount Pisgah, 30 miles north of here.

Contracts Awarded

N. J., Oakhurst—Ocean Twp., Mechanics Hall, constructing, widening 2 culverts and dam, Wickopecko Dr., to S. S. Thompson Co., Inc., Red Bank. Noted Aug. 23.

Railways

Proposed Work

Tennessee and Georgia—Tennga R.R. Co., Conasauga, Tenn., G. H. Gearhart, pres., acquiring and operating logging line of railroad now owned by Conasauga River Lumber Co., from Conasauga, Tenn. to Taylors, Tenn., and constructing 1.5 mi. extension from Taylor, Tenn., to Chables Mills, Ga.

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READY for the Sewer Contractor Ahead-of-Time!

NO MATTER whether your sewer contract calls for a thousand feet of reinforced concrete pipe, or ten miles, you can depend on INDEPENDENT for ahead-of-time delivery of the pipe you need.

Our business is building concrete sewer pipe exactly *as* the city engineer specifies, and delivering the finished pipe sections exactly *when* and *where* the sewer contractor wants them.

And not only do we meet every requirement in quality and delivery, but we furnish the kind of pipe your crews can lay more profitably! The "Recessed Joint" — an exclusive feature of INDEPENDENT Pipe—makes it easy to seal each joint quicker, tighter and stronger, at lowest cost.

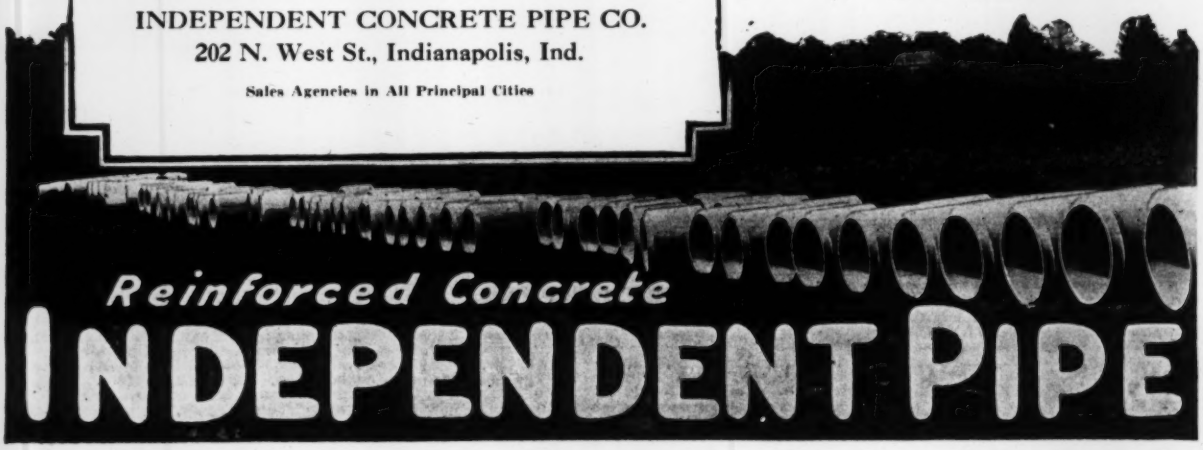
Before you bid on any important concrete pipe sewer project, get a quotation from us. Our wide experience in solving sewer problems and our complete facilities for manufacturing concrete pipe, enable us to quote you a low figure.

INDEPENDENT CONCRETE PIPE CO.
202 N. West St., Indianapolis, Ind.

Sales Agencies in All Principal Cities

Line of INDEPENDENT Concrete Pipe ready for the sewer contractor to dig the trench and lay the pipe—Rushville, Ind.

INDEPENDENT 48-in. Concrete Pipe placed along line of a trunk sewer at South Bend, Ind.



Reinforced Concrete
INDEPENDENT PIPE

Railways (Continued)

Bids Desired

Texas—See "Contracts Awarded."

Contracts Awarded

New York, New Jersey, Pennsylvania and Delaware — Pennsylvania R.R. Co., T. J. Skillman, ch. engr., Broad St. Sta., Phila., taking bids electrification lines between Phila. and Trenton. This is 1st section electrifying 325 mi. lines from Hell Gate Bridge, N. Y., to Wilmington, Del., and west to Phila. to Atglen, Pa. 250 to 300 locomotives will be required. $100,000,000.

Texas—Missouri-Pacific Ry. Co., E. A. Hadley, St. Louis, Mo., chn. engr., 2¼ mi. spur track on Republic Portland Cement plant (now under construction), 12 miles north of San Antonio, to Bartlett-Moore, Inc., c/o Frost Bldg., San Antonio, $70,000; 1¼ mi. spur track from main line to above cement company's plant, day labor, $35,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

N. J., Lake Hopatcong—Bd. Conservation & Development, State House, Trenton, dredging, improving Lake Hopatcong. $50,000.

N. J., Ocean City—City Comn. rejected bids Oct. 22, filling in low lands from 21st to 28th Sts. $120,000 appropriated.

O., Cleveland — See "Buildings Commercial."

Bids Desired

N. Y., Brooklyn—Nov. 14, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, dredging Newtown Creek Canal and in Gowanus and Wallabout Canals.

Mo., St. Louis—See "Waterworks."

Tex., Harlingen—Arroyo Colorado Navigation Dist., c/o J. B. Chambers, mgr., taking bids dredging along Arroyo Colorado through Padre Island to Gulf. A. Tamm, Harlingen, engr. L. H. Beach, Los Angeles, Calif., consult. engr.

Bids Received

Mass., Lynn—Comn. on Ways & Drainage, City Hall, bulkhead, dredging flats from Rendle Corp., 271 Marginal St., Chelsea, $221,150. Est. $250,000. Noted Oct. 18.

Contracts Awarded

D. C., Wash. — Pub. Buildings & Pub. Parks, excavating, removing, disposing 14,000 cu.yd. earth from Meridian Hill Park, to W. Meyer, Philadelphia Ave. and 5th St., Baltimore, Md., at $1.39 per cu.yd. Noted Oct. 25.

Streets and Roads

Proposed Work

New York—See "Bridges."

N. Y., Buffalo—G. Fisk, comr. Pub. Wks., Municipal Bldg., rejected bids Oct. 11, paving Springer, Delaware and Highland Aves., Breckenridge and Dundee Sts. Noted Oct. 4.

N. J., Union City—Bd. City Council, City Hall, sheet asphalt on concrete paving Summit Ave., 31st and Sip Sts. $25,000. J. C. Maulbeck, city engr.

N. J., Union City—Bd. City Council, City Hall, grading, paving approach to 14th St. viaduct. $50,000. J. E. Maulbeck, city engr.

O., Lisbon—Comrs. Columbiana Co. bids in spring improving 1.51 mi Canton-Salem Rd., $50,000—grading, concrete surfacing 2 mi. North Georgetown-Homeworth Rd., $50,000—$55,000—6 mi. Summitville-Kensington Rd., $150,000. L. C. Kirk, Lisbon, engr.

Mich., Flint—Genesee Co., grading, one course concrete paving 17½ mi. 5 roads. J. H. Dennis, Court House, engr.

Ill., East St. Louis—Soon takes bids 4 ft. widening on each side, asphalt or asphaltic concrete resurfacing 28 blocks State St. $123,600. W. McK. Brown, City Hall, engr.

Kan., Jetmore — Hodgeman Co. grading, culverts, 13.169 mi. U. S. Hy. 50-N, Federal Aid Project 359-B, 30 ft. L. A. Hunter, Jetmore, co. engr.

Mo., St. Louis—Bd. P. Serv., City Hall, preliminary plans grading, concrete paving Hampton Ave. $256,438 — asphalt, warrenite or concrete paving 7,000 ft. Eichelberger St., 60 ft.—4,250 ft. Donovan Ave., 40 ft. A. Brooks, City Hall, dir. Streets and Sewers.

Ark., Mena—Preliminary plans paving 10 blocks 4th, 8th, Mena and Port Arthur Sts., 30 and 56 ft. To exceed $25,000. K. D. Ford, mayor. Engineer not selected.

Texas—State Hy. Dpt., Austin, grading, bridging 9.233 mi. Hy. 17, Scurry Co. from Nolan Co. line to Hermleigh. $45,000. S. C. Dougherty, Snyder, resident engr.

Tex., El Paso—El Paso Co. paving 2 mi. Hy. 1, east of here, 20 ft. $60,000. F. E. Wilson, El Paso, co. engr.

Tex., Houston—Harris Co. grading, concrete paving 19.904 mi. Hy. 6, Federal Aid Project 535-B, 18 ft. $400,000. A. J. Wise, Houston, co. engr.

Oklahoma — State Hy. Dpt., Oklahoma City, grading 12 mi. Hy. 4, 30 ft., Caddo Co.—7.5 mi. U. S. Hy. 75, 30 ft., Hughes Co.—graveling 7.5 mi. Hy. 18, 18 ft., Murray Co.—8 mi. Hy. 18, 30 ft., Osage Co. $25,000 each. C. R. Mandigo, hy. engr.

Okla., Maud — Grading, concrete paving 14,000 sq.yd. Monroe, Madison, Allen Sts. $25,000 or more. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City — Grading, sheet asphalt paving 15,000 sq.yd. 18th, 19th, 20th and 21st Sts., $25,000 or more; grading, concrete paving 12,000 sq.yd. Virginia, Byers and 32nd Sts., $25,000 or more, both 30 ft. wide. W. W. Small, City Hall, engr.

Okla., Tulsa—Preliminary plans grading, concrete paving 8,000 sq.yd. Jasper St. To exceed $25,000. B. M. Hart, City Hall, engr.

Wash., Seattle — King Co. appropriated $1,666,000, constructing, maintaining roads. D. Evans, Court House, co. engr.

Calif., Alameda — Asphaltic concrete paving Buena Vista and Santa Clara Aves. $150,000. B. Hamilton, city engr.

Calif., Los Angeles — Los Angeles Co., grading, guttering, curbing, 8-6-6-8 in. concrete paving 86,330 sq.ft. Gerhardt St. To exceed $25,000.

Que., Greenfield Park—Town Council expending $25,000, constructing roads, sidewalks.

Bids Desired

Massachusetts—Nov. 13, by Dpt. P. Wks., State House, Boston, bituminous macadam paving 21,943 ft. hy. in Sandisfield and Tolland — 16,830 ft. Winchendon — gravel and bituminous macadam paving 4,270 ft. Palmer—bitulithic concrete paving 9,253 ft. Falmouth. W. F. Williams, comr.

N. Y., Brooklyn—Nov. 14, by J. J. Byrne, Pres. Brooklyn Boro, Boro Hall, grading, flagging West 6th St. and Avenue Z—granite on sand paving Meserole St.—bituminous macadam paving West 2nd St.—sheet asphalt on concrete paving Ryder Ave., East 39th, East 40th, Lorimer, 64th and 73rd Sts.

N. Y., Long Island City — Nov. 15, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sheet asphalt on concrete paving Queens Blvd., 69th St. (Fisk Ave.) Fisk and Woodside Aves.

N. Y., New York—Nov. 15, by J. Miller, pres. Manhattan Boro, Municipal Bldg., grading, curbing, flagging, sheet asphalt on concrete paving, 59th (Grand Army Plaza) and West 165th Sts., Audubon and St. Nicholas Aves.

N. J., North Bergen (Ind. br. West New York)—Nov. 22, by Twp. Comn., Town Hall, curbing, sidewalks, sheet asphalt or reclipped block on concrete paving Delaware Ave. from State St. northerly. $25,000. R. Glenn, town engr.

Pennsylvania — Nov. 23, by State Hy. Comn., Harrisburg, grading, rein.-con. paving and 1 bridge on 28 mi. 8 projects in Berks, Cambria, Indiana, Lawrence, Lehigh, Venango, Warren and Erie Counties. J. L. Stuart, secy. hys.; adv. E. N.-R. Nov. 8.

Md., Baltimore—Nov. 14, by Bd. Awards, sheet asphalt paving 12,700 sq.yd. Contr. 492. N. L. Smith, hys. engr.

Florida—Nov. 27, by State Roads Dpt., F. A. Hathaway, chn., Tallahassee, plain concrete and asphalt on 8 in. compacted Florida lime rock paving 10 mi. Rd. 1, F. A. Project 52, Escambia Co.—surface treating on 8 in. compacted Florida lime rock paving 5.45 mi. Rd. 1, F. A. Project 6, Madison Co.—12.23 mi. Rd. 50, Project 763, and 7 mi. Rd. 50, Project 765, Suwannee Co.—clearing 34.8 mi. Rd. 25, Project 806-A, 806-C and 806-D, Hendry Co.—hydraulic embankment for approaches to Turkey Creek Bridge, Rd. 4, F. A. Project 40-B, Broward Co. J. L. Cresap, state hy. engr.

Fla., Dade City—Nov. 14, by Bd. City Comrs., rock paving 28½ mi. roads, Dist. 1.

Alabama—Dec. 3, by State Hy. Comn., Montgomery, grading 12 mi. hy. between Glencoe and Gadsden, Etowah Co. W. Finnell, hy. dir.

Alabama—See "Bridges."

Ala., Birmingham — Dec. 5, by City Comn., 2 in. asphalt on 6 in. concrete paving 2 blocks Buffalo St., Ensley, $7,750—2 blocks Ave. Z, Ensley, $11,200—4 blocks 17th St., $21,000—6 blocks 12th St. S., $27,000. A. J. Hawkins, city engr.

Ala., Montgomery—Nov. 13, by City Comn., paving 15 blocks Winona, Gilmer, and Felder Aves., Carter Hill and Norman Ridge Rds. $50,000. J. M. Garrett, city engr.

Miss., Holly Springs—Nov. 19, by C. N. Dean, mayor, grading, concrete paving 10,400 sq.yd. R. L. Totten, Inc., B. M. Bldg., Birmingham, Ala., consult. engrs.

Louisiana—Nov. 22, by State Hy. Comn., Baton Rouge, grading, graveling Bossier City-Minden Hy., Bossier and Webster Parishes. J. M. Fourmy, Baton Rouge, hy. engr.

La., New Orleans—Dec. 4, by City grading, sidewalks, concrete paving Daniel St. from Phillips to Harmony Sts., Daniel St. from Peniston to Octavia Sts., Hamilton St. from Forshey to Palmetto Sts., Hamilton St. from Palmetto to Last Sts.; Forshey, Dryades, Canal Sts. $785,000. Noted July 12.

Tenn., Springfield — Nov. 12, by J. R. Adams, city clk., grading, sheet asphalt paving 14,000 sq.yd. 5th, Hill, Garner and Cemetery Sts. $25,000. Long & Co., Bennie-Dillon Bldg., Nashville, engrs.

O., Columbus—Nov. 13, by W. H. Duffy, dir. Serv., grading, necessary sewer and water connections, paving 13,765 sq.yd. Rosethorne St., Morning, Doton, Elmwood and Webster Park Aves., brick $101,798, asphalt $87,963 — 54,160 sq.yd. Ashland Ave., brick $28,788, concrete $25,910—17,800 sq.yd. Summit St., brick $146,256, asphalt $131,395, asphalt with brick gutter $135,517.

O., Garfield Heights (br. Cleveland) — Nov. 19, by Village, vitr. brick and bituminous concrete paving Havana Rd., Wallingford Ave. and East 114th St. To exceed $25,000. R. Munz, Town Hall, engr.

Kan., Abilene—Nov. 14, by C. A. Moore, clk. Dickinson Co., sand graveling 4.9 mi. Project 704; 7.4 mi. Project 705, both 28 ft. C. L. Nicholay, Court House, engr.

Kan., Marion—Nov. 16, by Clerk Marion Co., grading 12.369 mi., nine 8 ft. multiple box, three 35 ft. deck girder spans or one 60 ft. arch span, also two 35 ft. deck girder spans or one 70 ft. arch span bridges, Project 50-N-22, F. A. 317-B. C. M. Hartsock, Court House, engr. Noted July 19.

Mo., Plattsburg — Nov. 13, by T. F. Downey, clk., grading, curbing, 7 in. rein.-con. paving 11,335 sq.yd. Bway. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs.

Texas—Nov. 19, by G. Gilchrist, state hy. engr., Austin, grading 12.291 mi. Hy. 9, Sterling Co., $46,800—4.557 mi. Hy. 123, Hays Co., $30,600—12.12 mi. Hy. 32, Leon Co., $50,400—17.193 mi. Hy. 23, Shackelford Co., $99,000.

Okla., Muskogee — Nov. 12, by R. P. Chandler, city clk., grading, concrete paving 20,000 sq.yd. Broadway, 6th, Callahan, C, and Houston Sts. To exceed $25,000. H. Dixon, Muskogee, engr.

Okla., Oklahoma City—Nov. 12, by J. W. Berry, clk. Oklahoma Co., grading 17 mi. roads. $41,000. R. S. James, Court House, engr.

Arizona—Nov. 13, by State Hy. Comn., Phoenix, improving 14 mi. Casa Grande-Gila Bend Hy., Sect. B—2 bridges, culverts on Superior-Miami Hy. A.F.E. 666 and 655. W. C. Lefebvre, state hy. engr.

Washington—See "Bridges."

California—Nov. 21, by State Hy. Comn., Sacramento, grading, oil treated crushed gravel or stone surfacing 10.3 mi. road between Cottonwood Creek and Diaz, Inyo Co.—10.6 mi. road between Lucerne and Clear Lake Oaks, Lake Co.—grading 1.6 mi. road at Hilton Creek, Mono Co. C. H. Purcell, Sacramento, engr.

Contracts Awarded

Vermont — State Hy. Dpt., Montpelier, rein.-con. paving 4.4 mi. hy. in Bethel, Barre and Montpelier, to L. C. Longhi & Son, 169 Hoffman St, Torrington, Conn., $89,895. Noted Oct. 18.

Mass., Boston—Dpt. P. Wks., bitulithic paving Howland St., Ward 13, to J. C. Coleman & Sons Co., 1620 Tremont St., $32,048. Noted Oct. 4.

Mass., Boston—Dpt. P. Wks., bitulithic paving Greaton Rd., Ward 20, to J. McCourt Co., 910 Huntington Ave., $24,551.

Mass., Boston—Dpt. P. Wks., bituminous macadam paving Ashley St., Ward 1, to A. DeStefano, 288 Summer St. Est. $25,000.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tre-

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In PHILADELPHIA

These buildings and many others in Philadelphia have Bethlehem Wide-Flange Structural Shapes, commonly known as Bethlehem Sections, in their steel framework.

When Bethlehem Sections were introduced, years ago, architects and contractors everywhere adopted them, immediately recognizing their advantages of great strength and economy in weight and cost of fabrication. Bethlehem Sections are not an innovation. They have long been used, in structures of all sizes and types. Many of the finest buildings in the world have steel frameworks of Bethlehem Sections.

Mastbaum Theatre

Office Building in West Washington Square

Above:
Insurance Company of North America Building

Right:
Mitten Building and Fox Locust Theatre

Below:
Liberty Title and Trust Company Building

Above:
Hahnemann Hospital Annex

Right:
Packard Building

With the introduction recently of the new 33- and 36-inch Wide-Flange Structural Shapes, Bethlehem broadened the utility of this line of famous Sections.

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BETHLEHEM
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STRUCTURAL SHAPES

Streets and Roads (Continued)

mont Aves., to Casper Helbeck, Inc., 633 Wales Ave., asphalt block paving Andrews Ave., $18,464—to Bronx Asphalt Corp., sheet asphalt on concrete paving LaCombe Ave., $5,061; Arnow Ave. $34,820; Burr Ave. $12,288—to Asphalt Constr. Co., 2197 Madison Ave., Hall Pl., $3,480; River Ave. $21,915—to C. D. Beckwith, Seneca Ave. and Edgewater Rd., Harrison Ave., $6,034—to M. C. Seelig, 44 Court St., Brooklyn, grading, curbing, sidewalks on Fenton Ave., $4,062—to F. Gabrielle, 2750 Creston Ave., grading Wilcox Ave. $10,331—Mace Ave. $4,124—to I. F. Cavaluzzo, 1300 Cromwell Ave., 231st St., $8,550—to P. J. Kearns, 2306 Creston Ave., Allerton Ave., $14,631—to Anita Constr. Co., 440 East 200th St., sewer in Nereid Ave., $31,860. Grand total $175,620. Noted Oct. 11.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., granite block repaving 10th Ave., to Asphalt Constr. Co., 2197 Madison Ave., $161,780; 11th St., to E. T. Barry, 126-06 139th St., Laurelton, $22,725; 40th St., to St. George Paving Co., 415 Lexington Ave., $34,400; 12th Ave., to Sicilian Asphalt Paving Corp., 41 Park Row, $133,280; Canal St., to Casper Helbock Co., 633 Wales Ave., $96,215. Grand total $448,400. Noted Oct. 18.

N. Y., New York — H. Bruckner, pres. Bronx Boro, granite block paving East 133rd St., to Meehan Paving Co., 90 West St., New York, $43,901; Exterior St., to St. George Paving Co., 90 West St., $38,-525. Noted Oct. 18.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., widening, granite block repaving 62nd St. and asphalt repaving Cherry St., to Regan Towers Co., 124 West 124th St., $31,572 and $8,979 respectively — sheet asphalt repaving 6th Ave., to Meehan Paving & Constr. Co., 90 West St., $35,698—Thayer St., to Merrit Griffin & Co., $2,691—granite block repaving 12th Ave., to W. J. Fitzgerald, Grand Central Terminal, $22,564. Grand total $299,504. Noted Oct. 4.

N. Y., St. George — J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous macadam paving Bway., and concrete paving Carteret St., to J. E. Donovan Paving Co., Inc., 2205 Richmond Terrace, Port Richmond, $11,708 and $29,495 respectively. Noted Oct. 18.

New Jersey—State Hy. Comn., Trenton, paving 3 mi. Route 29, Union Co., to William Eisenberg & Sons, Inc., Smith-Austermuhl Bldg., Camden, $275,106. Noted Sept. 13.

New Jersey—State Hy. Comn., Trenton, grading, paving Brunswick Pike-New Brunswick Rd., to Bergoff-Clemente, 473 Bway., Bayonne, $130,652; South Amboy-Cheesequake Rd., to C. Sebolt, 16 Richmond St., New Brunswick, $270,243. Noted Oct. 18.

N. J., Englewood — Bd. Freeholders Bergen Co., Court House, Hackensack, paving Lafayette Ave., to G. M. Brewster & Son, Fort Lee Rd., Bogota, $70,510.

N. J., Jersey City—Bd. Blvd. Comrs., Court House, sheet asphalt on concrete paving Hudson Blvd. E. from 7th St., Weehawken, to 35th St., North Bergen, to Clinton Asphalt Co., 308 16th St., Union City, $52,747. Noted Oct. 11.

N. J., Woodbridge—Bd. Freeholders Middlesex Co., Court House, New Brunswick, improving Woodbridge Ave., Raritan Twp., to Utility Constr. Co., 5 Spring St., New Brunswick, $64,317. Noted Sept. 27.

Pa., Phila. — Dpt. P. Wks., Bureau of Hys., to W. J. Harper, 430 East Moyer St., grading Berbeck and Chandler Sts. $3,525; 71st St. $3,686—to Root Bros., Ridge Ave. and Righter St., Chandler, Napfle, Hartel and Large Sts. $20,493—to J. Ciccone, 5732 Westminster St., Palmetto St. $10,112—to R. B. Wenner, 2819 West Gordon St., Paschall St. $923—to J. F. Malloy, 15 East Mermaid Lane, Walker St. $466—to Eastern Ashphalt Co., Penn Bldg., asphalt paving (assessment work), Comly St. $8,823; asphalt repaving Huntingdon St. $8,196; Lyceum St. $14,815; Moyamensing St. $24,933—to Mack Paving & Constr. Co., Nicetown Lane and Luzerne St., asphalt paving (assessment work), Sheffield St. $28,361—to Barber Asphalt Co., Hungting Park Ave. at E St., asphalt repaving Green St. $12,910; York St. $44,973; 35th St. $10,-574. Grand total $192,790. Noted Oct. 18.

Pa., Pittsburgh—Grading, curbing, paving Sebring Ave., to Dunn & Ryan Contg. Co., Swineburne Ave. $37,797. Est. $45,000.

South Carolina—State Hy. Comn., Columbia, concrete paving 12.1 mi. hy. in Aiken and Saluda Counties, to R. G. Lassiter & Co., Raleigh, N. C., $284,714—13.5 mi. Anderson, Oconee and Pickens Counties, to Langston Constr. Co., Orlando, Fla., $252,446—9.5 mi. Dorchester Co., to F. J. McGuire, Durham, N. C., $200,636—topsoiling 4.9 mi. Cherokee Co., to Mabry & Deneen, Union, $16,900—8.6 mi. Chesterfield Co., to J. L. Carroll, Columbia, $39,551—9 mi. Greenwood Co., to Langford & Milford, Greenwood, $38,022—4.4 mi. Laurens Co., to Langford & Milford, Newberry, $36,-477—17 mi. Spartanburg Co., to Smith & Bradfield, Macon, Ga., $96,891—8.4 mi. Union Co., to W. C. McCoy, Lafayette, Ala., $48,877—treated timber, structural steel bridge, Chester Co., to D. M. Rickenbaker, Union, $24,434—timber bridge and concrete pier, to Palmer Constr. Co., $11,506, and furnishing, erecting three 87 ft. steel pony spans over Keowee River, to Austin Bros. Bridge Co., 1195 Mickleberry St. S. W., Atlanta, Ga., $7,765, both Oconee and Pickens Counties. Grand total $1,058,219. Noted Oct. 18.

Ala., Birmingham—City Comn., 2 in. asphalt on 6 in. concrete paving 4 blocks 26th St., to Morgan-Hill Constr. Co., Woodward Bldg., $15,349—3 blocks 10th Ave. N., to Newell Constr. Co., Martin Bldg., $16,416—1 block 9th Court, to Walter H. Bryson Constr. Co., American-Traders Bldg., $1,195. Grand total $32,960. Noted Sept. 6.

Ala., Montgomery — City, asphalt, bitulithic concrete or asphaltic concrete paving 14,000 sq.yd. Fairview Ave., to McCalla & Keenan, Montgomery, $37,266.

Ky., Louisville—Asphalt paving Bardstown Rd., to Henry Bickel Co., 443 Grand St., $36,000—concrete paving streets, to G. M. Eady Co., Brook and Lee Sts., $6,000—repaving 43rd St., to Andrews Asphalt Paving Co., Inter-Southern Bldg., $11,000. Grand total $53,000.

Ohio—H. J. Kirk, dir. Hys., Columbus, concrete paving 1 mi. Sect. O-1, Mercer Co., to Hinton & Smaley, Celina, $32,667—grading 4.959 mi. Sect. F-3, Youngstown-Libson Rd., Columbiana Co., to C. Agresta, Cleveland, $25,595. Noted Oct. 4.

Mich., Saginaw West Side—Saginaw Co., grading, rein.-con. paving Kraft Rd., Frankenmuth Twp., to Midland Contg. Co., Porter and Washington Sts., Saginaw, $32,000.

Ill., Chicago—Cook Co. Comn., County Bldg., paving 1 mi. Taft Rd., to Broadway Constr. Co., 205 West Wacker Dr., $32,642—2.2 mi. 26th St., to A. Ward & Son, Oak Glen, $153,450—4.1 mi. Des Plaines Rd., to Jaicks Bros., 77 West Washington St., $245,655—grading, paving approaches to Sag Channel Bridge, Harlem Ave. to Allied Constr. Co., 80 East Jackson Blvd., $60,-988. Grand total $492,735. Noted Oct. 11.

Minnesota—State Hy. Comn., St. Paul, graveling 24,000 cu.yd. State Project 20-34, to Duncan Bros., Cannon Falls, $33,849. Est. $25,000. Noted Oct. 18.

Nebraska—State Dpt. P. Wks., Lincoln, to Abel Constr. Co., 308 Terminal Bldg., Lincoln, grading 4.2 mi. Adams Co. $9,561; 2.8 mi. Clay Co., $7,757—to J. E. Tift, Omaha, 7.9 mi. Greeley Co. $32,840; graveling 9 mi. Project 606-B $14,760—to Central Bridge & Constr. Co., Wahoo, 6.2 mi. Gage Co. $7,600; 0.7 mi. Saunders Co. $4,382—to Norfolk Bridge & Constr. Co., Norfolk, 5.5 mi. Nance Co. $15,935; 11.5 mi. Project 295-K $15,478—to Koehler Constr. Co., Sterling, 2.5 mi. Gage Co., $3,838; 4 mi. Project 175-K $6,128; 2.7 mi. Johnson Co. $4,184; 2 mi. Project 218-A $3,992—to A. C. Lund, Kearney, Project 66-B, $7,980; 12 mi. Project 606-A, $13,238—to Metz Constr. Co., Springfield, culverts on Project 611-A $2,286; Project 660-B $4,597—to Yant Constr. Co., 813 Omaha Natl. Bank Bldg., Omaha, Project 65-A $12,330—to Keim Constr. Co., Tecumseh, Project 606-B $993—to Fremont Constr. Co., Fremont, 2 bridges on Project 611-A $3,280; 1 bridge Project 611-B $1,760—to Diamond Eng. Co., Grand Island, 2 bridges Project 65-A $2,784—to Dan Quinton, Kearney, cattle pass $690. Grand total $178,393.

Montana — State Hy. Comn., Helena, grading 6.06 mi. Lewis and Clark Co., to T. Staunton, Great Falls, $17,520—12.329 mi. Hill Co., to Lyon & Price, 503 West 14th Ave., Spokane, Wash., $60,746—6.965 mi. Lewis and Clark and Jefferson Counties, to Collison & Dolven, Billings, $16,-937—5.969 mi. Roosevelt and McCone Counties, to Lalonde Constr. Co., Bainville, $57,812—Paradise Bridge, Sanders Co., to R. E. Mieth, Portland, Ore., $196,229—redecking Huntley Bridge, Yellowstone Co., to Threet Bros. Constr. Co., P. O. Box 821, Sheridan, Wyo., $11,400. Grand total $360,644.

Oklahoma—State Hy. Dept., Oklahoma City, sheet asphalt surfacing 64,100 sq.yd. Choctaw Co., to T. E. Ward, 4401 Classen Bldg., Oklahoma City, $90,284, est. $100,-000; 132,250 sq.yd. Okfuskee Co., to C. S. Beekman, 1201 West 19th St., Oklahoma City, $186,613, est. $200,000. Noted Oct. 18.

Okla., Oklahoma City—Grading, sheet asphalt paving 15,000 sq.yd. Noble St., to Western Paving Co., Petroleum Bldg., $73,-270. Est. $78,000.

California—State Hy. Comn., Sacramento, grading, paving 1.3 mi. Contra Costa Co., to Warren Constr. Co., 28th and Poplar Sts., Oakland, $49,544; 5 mi. Solano Co., to Mankel & Staring, 2924 35th St., Sacramento, $35,178. Noted Oct. 4.

Calif., Los Angeles—Grading, 8 in. concrete paving 281,784 sq.ft. Devonshire and Payton Impvt. Dist., to G. W. Ellis, 1005 Kenneth Rd., Glendale, $78,645.

Calif., Oakland—For 8 in. concrete paving 136,000 sq.ft. quay area at airport, to J. H. Fitzmaurice, 354 Hobart St., $49,916. Noted Oct. 25.

Quebec—Roads Dpt., Parliament Bldgs., Quebec, J. L. Boulanger, deputy minister, paving Montreal-Malone Rd. at St. Martin, to Macurban Asphalt, Ltd., 702 Sherbrooke St. W., Montreal, $290,309—Hull-Maniwaki Rd. at Wakefield, and graveling Hull-Maniwaki-Mont Laurier Rd. at Low, to La Societe Generale de Ponts & Chaussees, Ltd., 10 Cathcart St., Montreal, $85,139 and $30,775 respectively — Levis-Jackman Rd. and Georges-Lac Frontiere Rd., to Poulin & Boily, St. Georges East, $38,010 and $3,828 respectively. Grand total $448,061.

Manitoba—Dpt. Hys., Parliament Bldgs., Winnipeg, grading 26 mi. in South Cypress and Oakland, to Stevens Bros. Ltd., Winnipeg, $76,891.

Saskatchewan — Dpt. Hys., Parliament Bldg., Regina, H. S. Carpenter, deputy minister, graveling 6 mi. Insenger South, to A. Mamozas, Prince Albert, $16,000—9 mi. Chamberlain to Aylesbury, to Roosa & Milkstrand, Lloydminster, $24,000.

B. C., Point Grey — Concrete, asphaltic concrete paving, to General Constr. Co., 736 Granville St., $20,616—to Dawson Wade & Co., 500 Beatty St., $15,525—to G. W. Lidingham, Oak and Goodmurphy Sts. $6,176—to Harrison & Lamond, 615 Hastings St. W., $5,686, all in Vancouver. Grand total $48,003.

Public Bond Elections

Coming Bond Elections

Sewers — Pauls Valley, Okla., Nov. 20, $30,000.
Sewers—Monterey, Calif., Peninsular Sanitary Dist., $25,000.
Sewers and Waterworks — Capreol, Ont., December, $150,000.
Irrigation — Dos Palos, Calif., Drainage Dist., $97,000.
Roads — Collingsworth, Tex., Nov. 24, $400,000.

Bonds Voted

Filtration Plant—Lafayette, La., $125,000.
Waterworks — Ozark, Mo., $30,000. A. C. Adams, Engr.
Waterworks—Alpine, Tex., $75,000.
Waterworks—Jacksonville, Tex., $75,000.
Waterworks—Gould, Okla., $59,000.
Sewerage System — Many, La., $50,000. Swanson & McGraw, New Orleans, Engrs.
Sewerage System—Alpine, Tex., $50,000.
Irrigation — Cameron County, Tex., Water Impvt. Dist. 10, $680,000. W. O. Washington, Brownsville, Engr.
Paving—Shelbyville, Tenn., $50,000. W. A. Fuller Co., Nashville, Engr.
Road—Caldwell County, Tex., $150,000.
Paving—Jacksonville, Tex., $100,000.

Bonds Defeated

Waterworks—Soldier, Kan., $30,000.
Irrigation—San Diego, Calif., $170,000.
Natural Gas System — Muskogee, Okla., $1,250,000.

Buildings—Industrial

Proposed Work

Mass., Cambridge (br. Boston) — MACHINE SHOP—Blanchard Machine Co., 64 State St., sketches 1 story, 90 x 100 ft., brick, steel addition, wood pile found., Osborn and Smart Sts. C. T. Main, 201 Devonshire St., Boston, engr.

Mass., Cambridge (br. Boston)—MANUFACTURING—Cambridge Rubber Co., 748 Main St., 5 story, 80 x 180 ft., brick, rein.-con., plain found., 750 Main St. $100,000. Engineer and architect not selected.

Mass., Malden (br. Boston) — PLANT — Swift & Co., 60 North Market St., Boston, soon lets contract 2 story, basement, 75 x 80 ft. meat distributing plant, brick, steel, Charles and Middlesex Sts. $85,000. Private plans.

Conn., Bridgeport—ICE CREAM PLANT —Mitchell Dairy Co., 745 North Ave., brick, North Ave. $40,000. Engineer and architect not selected.

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Buildings—Industrial (Continued)

N. Y., Brooklyn—SERVICE GARAGE—Chipkin Bros., 804 Park Ave., plans by W. F. Doyle, 11 Johns St., New York, 2 story, 100 x 125 ft., brick, concrete, Park and Throop Aves. $40,000.

N. Y., New York—SERVICE GARAGE—Tadpole Building Co., W. Steinman, pres., 101 Park Ave., plans by M. J. Ort, 424 East 149th St., 6 story, 80 x 102 ft., brick, concrete, 234 East 85th St. $100,000.

N. Y., St. George—SERVICE GARAGE—F. Cooley, 107 Central Ave., 75 x 100 ft., brick, concrete, Montgomery Ave. and Fort Pl. $150,000.

N. Y., St. George—SERVICE GARAGE—St. George Gardens, Inc., 26 Court St., Brooklyn, plans by S. Gardens, Inc., 44 Court St., Brooklyn, brick, concrete, Henry and Cleveland Sts. $40,000.

N. J., Elizabeth—FACTORY—Amer. Gas Accumulator Co., Newark Ave., soon lets contract altering and constructing 1 story, 60 x 140 ft. brick, steel addition, plain found., Newark Ave. $40,000. W. L. Finne, 91 Broad St., archt.

N. J., Jersey City — REPAIR SHOP — Liberty Auto Radiator Co., 3218 Hudson Blvd., plans by Flagg & Stades, 665 Newark Ave., 2 story, basement, brick, steel, plain found., 3218 Hudson Blvd. $40,000. Noted Nov. 1.

N. J., Orange—DRESS FACTORY—Owner, c/o C. H. Baldwin, archt., 350 Main St., 2 story, basement, 50 x 100 ft., brick, steel, plain found., 26 Canfield St. $40,000.

Pa., Scranton — MANUFACTURING — L. V. Lacy, archt., 45 Owen St., Forty Fort, soon lets contract 2 story, basement, 62 x 274 ft., brick, steel, plain found., South Washington Ave., for B. Edward David, Inc., 325 Alder St. Noted Oct. 25.

Md., Baltimore—ICE CREAM PLANT—Maryland Creamery Co., 1726 East Pratt St., revised plans by McCromick & Co., 121 South Nagley St., Pittsburgh, Pa., brick plant addition, 127 Register St. $200,000.

D. C., Wash.—BAKERY—General Baking Co., 420 Lexington Ave., New York, sketches by C. B. Comstock, 110 West 40th St., New York, bakery, Georgia Ave. and W St. N. W. $200,000.

N. C., Charlotte — PLANT — McClaren Rubber Co., c/o Ajax Rubber Co., Richmond, Va., preparing plans plant addition and tire building machinery. To exceed $40,000.

Tenn., Cleveland — PLANT — Tennessee Enamel Mfg. Co., sketches plant, incl. machine shop unit, on 8 acre site. $250,000. W. B. Evans, Sterling Court, Nashville, secy.

Ky., Frankfort — PLANT — Kentucky Cement Corp. cement plant. $2,500,000. Hunt Eng. Co., 701 New York Life Bldg., Kansas City, Mo., engrs.

O., Canton — FACTORY — Canton Drop Forge Mfg. Co. soon takes bids 1 story, 70 x 320 ft., concrete, steel, Harrison Ave. S. W. $100,000.

O., Canton—FACTORY—Hercules Motor Corp., H. H. Timken, chn. bd., soon takes bids 1 story, 80 x 180 ft., concrete, brick, steel factory. $55,000.

O., Canton—FACTORY—Timken Roller Bearing Co., soon takes bids 1 story, brick, steel, stone, 40,000 sq.ft. floor space, Park Ave. S. W. and Lawn Ave. S. W. $100,000.

Ind., Anderson—SUB-STATION—Indiana General Serv. Co., Muncie, electrical substation east of here, near State Rd. 67, to furnish reserve power for Anderson and 50% of power for Delco-Renny Corps. 7 plants, new steel towers from here to Muncie. $600,000.

Mich., Detroit—CAR STORAGE—Packard Motor Car Co., 1580 East Grand Blvd., plans by A. Kahn, 1000 Marquette Bldg., 2 story, 130 x 380 ft., rein.-con., brick top addition. $150,000.

Mich., Detroit—FACTORY—Ajax Bolt & Screw Co., 6623 Gratiot Ave., rebuilding 2 story, brick, steel, plain found., Gratiot Ave., recently destroyed by fire. $50,000. Private plans.

Ill., Chicago — FACTORY — Pyroylin Products, Inc., 1800 West 74th Pl., plans by A. Epstein, 2001 West Pershing Rd., 1 and 2 story, 40 x 115 ft., brick, 4851 South St. Louis Ave. $40,000.

S. D., Sioux Falls—REPAIR and SERVICE GARAGE—M. Gerin soon takes bids 1 story, 88 x 140 ft. repair and service garage, 11th Ave. and Main St. S., for Chevrolet Sales & Service Garage. $50,000. Hughill & Blatherwick, 367 Boyce-Greeley Bldg., archts.

Mo., Kansas City — MANUFACTURING —Siedlitz Paint & Varnish Co., 19th and Garfield Sts., fireproof, 18th and Euclid Sts. To exceed $150,000. Private plans.

Okla., Oklahoma City—FACTORY—Independent Concrete Pipe Co., 201 North West St., Indianapolis, Ind., sketches factory, 12th and Pennsylvania Sts. $50,000. Private plans.

Colo., Vineland (mail R. R. 2, Pueblo)—GRINDING MILL—Avondale Alfalfa Mill & Elevator Co., 1st Natl. Bank Bldg., Pueblo, rebuilding alfalfa grinding mill, recently destroyed by fire. $50,000.

Ont., Hamilton—PLANT—Canadian Cottons Ltd. plant. $200,000.

Ont., Hamilton—MILLS—Mercury Mills Ltd. plant addition. $150,000.

Ont., Hamilton—PLANT—I. B. Moody Co. plant addition. To exceed $100,000.

Ont., Hamilton—FACTORY—Zimmerknit Mills Ltd. plant addition. $75,000.

Ont., Mount Forest—WOOLEN MILL—Guelph Felt Co., R. Dodds, rebuilding woolen mill, Saugeen St, recently destroyed by fire $40,000 loss.

Ont., Windsor — FACTORY — Chrysler Corp. of Canada, J. D. Mansfield, mgr., 300 Tecumseh Rd., plans by Hutton & Souter, 6 James St. S., Hamilton, and takes bids about Nov. 14, 5 story, 280 x 1,000 ft. main factory, 280 x 1,000 ft. monitor plant, 60 x 450 ft. loading dock and storage, power house, all brick, steel, Tecumseh Rd. $1,500,000. Noted Oct. 18.

Bids Desired

Mass., Boston—PLANT—See "Contracts Awarded."

Mass., Cambridge (br. Boston) — FACTORY—See "Contracts Awarded."

Mass., Cambridge (br. Boston)—MANUFACTURING—See "Contracts Awarded."

Mass., Malden (br. Boston)—ICE MANUFACTURING PLANT—Boston Ice Co., 110 State St., Boston, (subsidiary Knickerbocker Ice Co., 41 East 42nd St., New York), taking bids 1 story, brick, plain found., Phillips Court. C. L. Weir, 41 East 42nd St., New York, archt.

Mass., Roxbury (sta. Boston)—SERVICE and REPAIR GARAGE and OFFICE—J. F. Morse & Co., 66 Norfolk St., taking bids 2 story, brick, steel, plain found., Norfolk St. $50,000. W. W. Drummey, Inc., 80 Boylston St., Boston, archt.

R. I., Providence—FOUNDRY—Brown & Sharp Mfg. Co., Promenade St., taking bids altering and constructing 1 story, irregular sized, brick addition, plain found., $40,000 or more. Jenks & Ballou, Grosvenor Bldg., engrs.

R. I., Providence — SERVICE and REPAIR GARAGE — Colt, Birmingham & Brady, Inc., 1 Reservoir Ave., taking bids 1 story, basement, 70 x 150 ft., brick, steel addition, plain found. $50,000. W. G. Richards, 72 Weybosset St., archts.

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. Y., North Pelham (mail New York)—PRINTING PLANT—Sanborn Map Co., 11 Bway., New York, bids about Dec. 1, on revised plans 2 story, brick, addition. $40,000. O. Cadmus, 157 East 44th St., New York, archt. Noted July 19.

O., Cleveland—INDUSTRIAL—Nov. 22, by State, c/o J. E. Harper, dir. P. Welfare, Columbus, 1 story, 125 x 125 ft., brick, steel, at State Farm. $110,000. H. B. Briggs, Hartman Hotel Bldg., Columbus, archt.

O., Wooster — FACTORY — McIntosh Hemphill Co., Oliver Bldg., Pittsburgh, Pa., taking bids 1 story, 100 x 328 ft., brick, steel addition. $150,000. Private plans. Noted Oct. 18.

Minn., Minneapolis—REPAIR and SERVICE GARAGE—Northwest Terminal Co., W. L. Badger, pres., East Hennepin Ave. and Stinson Blvd., taking bids 1 story, 65 x 144 ft., Roosevelt and Kennedy Sts. N.E. $40,000. Ekman, Holm & Co., 601 Phoenix Bldg., archts.

Mont., Great Falls—PLANT—International Harvester Co., W. D. Price, supt. construction, 606 South Michigan Ave., Chicago, Ill., taking bids 3 story, 127 x 335 ft. plant. $150,000.

Calif., Los Angeles—LAUNDRY, etc.—Owner, c/o W. J. Saunders, archt., 787 East Pico St., taking bids 5 story, 65 x 128 ft., steel, stone, rein.-con. laundry, 2 story, 40 x 50 ft. Class "A" office 1 story, 30 x 40 ft. Class "A" boiler room, 1621 South San Pedro St. $100,000.

Contracts Awarded

Me., Bingham—POWER PLANT—Central Main Power Co., Augusta, W. Wyman, pres., power development plant, incl. dam, to M. C. Tuttle Co., 862 Park Sq. Bldg., Boston, Mass. Est. $1,000,000.

Mass., Ashland — FACTORY — Warren Telechron Co., Ashland, altering and constructing 1 story, 75 x 180 ft., rein.-con., steel addition, plain found., to H. L. Hauser Building Co., 263 Summer St., Boston. Est. $40,000 or more.

Mass., Boston—PLANT—H. P. Hood & Sons, 494 Rutherford Ave., Charlestown, 1 story, 75 x 140 ft., brick, stone, plain found., Etna and North Beacon Sts., Brighton, separate contracts. $40,000 or more. Noted Sept. 6.

Mass., Cambridge (br. Boston) — FACTORY—W. Crane, 1 Hayward St., five 1 story, 60 x 100 ft., brick units, plain founds., Bent St., separate contracts. $75,000. Private plans.

Mass., Cambridge (br. Boston)—MANUFACTURING—Central Sq. Realty Trust, 161 Devonshire St., Boston, 3 story, light manufacturing building, brick, plain found., 12-18A Devonshire St., separate contracts. $40,000. F. A. Norcross, 46 Cornhill, Boston, archt.

Mass., Chicopee Falls—FACTORY—Fisk Rubber Co., brick addition, Oak St., to Fred T. Ley & Co., Inc., 20 Providence St., Boston. Est. exceeds $40,000.

Mass., Fitchburg—MILLS, etc.—Crocker, Burbank & Co., Inc., 545 Westminster St., altering Mills 7 and 8, constructing storehouse and railroad trestle, Westminster St., to Wiley & Foss, Central St. Est. $40,000 or more.

Conn., New Haven — PLANT — Koppers Co., Waterfront St., 2 and 4 story, 42 x 85 ft., and 37 x 44 ft., coke screening plant and oven bin, 2 chimneys, 20 ft. diam., 250 ft. high, Alabama Ave., to Koppers Constr. Co., Alabama Ave., $153,500.

Conn., Stamford—WATER-GAS PLANT—Stamford Gas & Electric Co., 11-17 Bank St., 1 story, 50 x 104 ft., brick, steel, South St., to Semet-Solvay Eng. Co., 40 Rector St., New York. Est. $250,000.

N. Y., Auburn — SHOP — Commissioner Dpt. Correction, Albany, general contract shop building at Auburn Prison, to Wright & Kramers, Pine Ave. and Main St., Niagara Falls, $232,500. Noted Aug. 23. Sanitary work, to Barr & Creelman, 74 Exchange St., Buffalo, $22,500; electrical work, to Vanderlinde Wirley Co., Rochester, $11,361; heating, to W. W. Wetmore, Buffalo, $21,388.

N. Y., New York—SERVICE GARAGE—Koenig Leiser Realty Co., 391 East 149th St., service garage, Mayflower and Wilkinson Aves., separate contracts. $90,000. Cohn & Siegel, 45 West 57th St., archts. Noted Oct. 18.

Pa., Marcus Hook — PLANT — General Chemical Co., 1 story, acid plant, filter house, oil storage building, brick, steel, to H. K. Ferguson Co., Hanna Bldg., Cleveland, O. Est. $100,000.

Pa., Phila.—RADIO FACTORY—Ballinger Co., archts., 12th and Chestnut Sts., 1 story, 515 x 911 ft., rein.-con., brick, steel addition, plain found., to W. Steele Sons Co., 15th and Race Sts. Est. $1,000,000. Noted Oct. 25.

Tenn., Kingsport — SILK MILL — Lockwood Greene Engineers, Inc., 100 East 42nd St., New York, 1 story silk mill, brick timber, known as Kingsport Silk Mills, to Pyle Bros., Kingsport, for D. Shapiro & Son, 65 West Madison Ave., New York. Est. $45,000.

O., Alliance — FACTORY—Alliance Aircraft Corp., 1 story, 60 x 300 ft., brick, steel, to A. J. Spies, Alliance, $40,000; steel, to Alliance Structural Steel Co., Alliance. Noted Oct. 18.

O., Akron — FACTORY — Genl. Tire & Rubber Co., C. J. Jahant, vice-pres., 1709 East Market St., remodeling and constructing 2 and 4 story, brick, steel addition, to C. W. & P. Constr. Co., 2nd Natl. Bank Bldg. Est. $200,000. Noted Oct. 25.

O., Cincinnati — FACTORY — Cincinnati Grinders, Inc., South Oakley St., 1 story, concrete, brick, steel, plain found., Forrer St., to Austin Co., 613 Dixie Terminal, $45,000.

O., Cleveland—FACTORY—Taylor-Lockwood Co., G. E. Collings, pres., 2224 Clarkwood Rd., 3 story, basement, 48 x 64 ft., brick, steel, 2224 Clarkwood Rd., to deHamel Constr. Co., Plymouth Bldg. Est. $40,000.

Mich., Detroit—CAR STORAGE—Packard Motor Car Co., 1580 East Grand Blvd., 2 story, 130 x 383 ft., rein.-con. addition, to Everett Winters Co., 1651 East Grand Blvd. Est. $150,000.

Mich., Hamtramck (br. Detroit) — BLACKSMITH SHOP — Dodge Bros. Div. of Chrysler Corp., 341 Massachusetts Ave., Highland Park, 1 story, concrete, brick steel, plain found., Conant Rd., to Gallagher-Fleming Co., 6500 Epworth Blvd., Detroit. Est. $50,000.

Mich., Jackson—MOTOR SHAFT FACTORY—Jackson Motor Shaft Co., Tyson St. and Michigan Central R.R., 1 story, 50 x 270 ft., brick, timber, Tyson St., to J. F. Braun, 414 South Gorham St. Est. $45,000.

Ill., Chicago — POWER STATION — Illinois Steel Co., South Chicago, 1 story, 92 x 202 ft., 8665 Burley St. Owner builds. $175,000.

Ia., Cedar Rapids—BAKERY—Colonial Baking Co., c/o J. A. Walsh, 1500 5th Ave. E., 1 story, basement, 120 x 150 ft., rein.-con., brick, 800 5th Ave. E., to Foge

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Buildings—Industrial (Continued)

Constr. Co., 619 Reliance Bldg., Kansas City, Mo Est. $55,000. Will install equipment costing $100,000.

Tex., Dallas—POWER PLANT—Dallas Power & Light Co., Interurban Bldg., improving plant. $2,500,000. Owner builds. Private plans.

Buildings—Commercial

Proposed Work

Me., Portland—STORE and OFFICE—Lerner Stores Corp., 354 4th Ave., New York, revised plans by C. M. Winston & Bros., 22 Columbus Circle, New York, 2 story store and office building, 551 Congress St. Est. $150,000.

Mass., Boston — HOSPITAL—Massachusetts General Hospital, Fruit St., revised plans by Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., 11 story, basement, 45 x 190 ft., rein.-con., steel hospital for people of moderate means, plain found., Fruit St. $1,500,000. Former bids rejected.

Mass., Cambridge (br. Boston)—WAREHOUSE—Beacon Warehousing Trust, 79 Milk St., Boston, plans by W. Dykeman, 10 Devonshire St., Boston, 3 story, irregular sized, brick, steel, rein.-con., plain found., Commercial St. $150,000.

Mass., Chelsea (br. Boston)—TEMPLE—Temple Beth El, R. Miller, in charge, c/o Y.M.H.A., Washington St., Salem, plans by Eisenberg & Feer, 46 Cornhill, Boston, temple. Est. $150,000 or more.

Mass., Fall River — BUSINESS—Owner, c/o D. Shapiro, archt., 8 South Main St., sketches 3 story, brick, limestone office and store building. $200,000.

Mass., Malden (br. Boston)—HOME—City, Overseers of the Poor, sketches by C. F. Springall, 50 Park St., city home, Forest and Sylvan Sts. $500,000.

Mass., Malden (br. Boston)—HOSPITAL—Malden Hospital, c/o Kendall, Taylor & Co., archts., 142 Berkley St., sketches 5 story, basement, brick, Hospital Rd. $1,200,000.

Mass., South Boston (sta. Boston) — FIRE STATION — City of Boston, Fire Dpt., 60 Bristol St., fire station, City Point Dist. $150,000. Engineer and architect not selected.

R. I., Providence—BANK—Providence Institute of Savings, 86 South Main St., soon lets contract 3 story, mezzanine, brick, steel, limestone, Aborn and Empire Sts. To exceed $150,000. Howe & Church, 1208 Turks Head Bldg., archts.

N. Y., Buffalo—EXCHANGE—New York Telephone Co., 158 State St., Albany, soon lets general contract addition, Swan and Franklin Sts. $350,000. Voorhees, Gmelin & Walker, 101 Park Ave., New York, archts. Foundation for above, to J. W. Cooper, Fidelity Bldg.

N. Y., Buffalo — HOSPITAL — Memorial Hospital Assn. plans by F. J. and W. A. Kidd, 524 Franklin St., addition to memorial hospital, 742 Jefferson Ave. $750,000.

N. Y., Elmhurst (Ind. sta. Flushing)—APARTMENTS — M. Ginsberg, 247 Park Ave., New York, apartments, Queens and Yellowstone Blvds. $500,000. Engineer and architect not selected.

N. Y., Jamaica—STORE and OFFICE—Loshen Bros., 163-18 Jamaica Ave., 6 story, 112 x 120 ft., brick, steel, plain found., Jamaica Ave. $600,000. Engineer and architect not selected.

N. Y., New York—APARTMENT—Corporation, c/o Rhodes-Kennedy Co., 342 Madison Ave., apartment on 139 x 200 ft. side, East River, 71st and 72nd Sts. $7,000,000. Engineer and architect not selected.

N. Y., New York—APARTMENTS—Bing & Bing, 119 West 40th St., two 10 story apartments, East 73rd St. between 2nd and 3rd Aves. To exceed $1,000,000.

N. Y., New York—GARAGE—Dwight P. Robinson, 125 East 46th St., 9 story, 125 x 200 ft. garage, 205 East 64th St. $500,000. Private plans.

N. Y., New York — GARAGE — Kent Garage Investing Corp., 350 Madison Ave., 25 story, 100 x 140 ft. automatic mechanical operating garage, Columbus Ave. and 61st St. $1,400,000.

N. Y., New York — LOFT — Bernard Kempner, 531 5th Ave., brick, steel, on 40 x 80 ft. site, 584 9th Ave. To exceed $250,000. Engineer and architect not selected.

N. Y., New York — LOFT — C. Kibel, 1 West 30th St., plans by Shampan & Shampan, 188 Montague St., Brooklyn, 14 story loft, 329 West 39th St. $800,000.

N. Y., New York—OFFICE—New York County Lawyers Assn., 165 Bway., plans by Cass Gilbert, 244 Madison Ave., 4 story office, Bway. near St. Pauls Church. $1,000,000.

N. Y., New York — OFFICE — G. L. Ohrstrom Co., 44 Wall St., plans by C. H. Severance, 36 West 44th St., 40 story, brick, steel, 34-38 Wall St.

N. Y., New York—STORAGE, STORE and OFFICE—T. Bernstein, 1440 Bway., plans by H. I. Oser, 1440 Bway., 16 story, 100 x 125 ft., brick, steel, 305 East 45th St. $750,000.

N. Y., Port Jefferson—HOSPITAL—John T. Mather Memorial Hospital, c/o F. Raynor, hospital. $150,000. Engineer and architect not selected.

N. Y., Stapleton—COURT—J. A. Lynch, pres. Richmond Boro, Boro Hall, rejected bids Oct. 17, courts building. Noted Oct. 11.

N. J., Asbury Park—APARTMENT—A. Ramano, 214 Howard St., New Brunswick, 8 story, basement, brick, steel, plain found., Grand and 8th Aves. $500,000.

N. J., Bayonne — APARTMENT — J. Golush, 154 Avenue B, plans by C. I. Goldberg, 437 Bway., 4 story, basement, brick, steel, plain found., 92-4 West 34th St. $150,000.

N. J., Clifton—APARTMENT—J. Visalli, 556 Van Houten Ave., Passaic, revised plans by J. DeRose, 119 Ellison St., Paterson, 4 story, basement, 90 x 100 ft., brick, steel, plain found. Putnam Pl. and Union Ave. $150,000. Noted Oct. 4.

N. J., Cliffside—THEATRE—Syndicate, F. Meyers, chn., c/o H. B. Crosby, archt., 125 Ellison St., Paterson, revised sketches 2 story, basement, brick, steel, plain found., Gorge Rd. and Anderson Ave. Former bids rejected. $150,000. Noted Aug. 30.

N. J., Deal — APARTMENT — Casa Blanca Del Mar Beach Club, 433 Cookman Ave., Asbury Park, sketches by W. F. B. Koelle, 433 Cookman Ave., Asbury Park, 12 story, basement, brick, steel, plain found. $200,000.

N. J., East Orange—APARTMENT—Max-Sam Investment Co., M. Weinberg, 109 Hillside Ave., Newark, sketches by S. Cohen, 130 Branford Pl., Newark, 4 story, basement, 70 x 200 ft., brick, steel, plain found., 174 North Grove St. $175,000.

N. J., East Orange—APARTMENT—H. Thomas, 101 North Grove St., plans by Warren & Warren, 31 Clinton St., Newark, 4 story, basement, 120 x 175 ft., brick, steel, plain found., 194 Park Ave. $220,000. Noted Nov. 1.

N. J., Fairview — APARTMENTS — M. Enowth, c/o H. Adelman, archt., 494 Bway., Bayonne, sketches two 3 story, basement, 50 x 100 ft., brick, steel, plain found. $150,000.

N. J., Jersey City—GARAGE—Burstyn & Heftler Corp., 404 38th St., Union City, sketches by C. Shilowitz, 26 Journal Sq., 15 story, basement, brick, steel, plain found., Academy St. and Bergen Ave. $1,000,000. Former bids rejected. Noted Sept. 13.

N. J., Leonia (Ind. br. Hackensack) — APARTMENT—D. I. M. Constr. Co., R. D. Consoli, secy., 59 Bergenline Ave, Guttenberg, sketches by A. DePaola, 106 18th St., West New York, 4 story, basement, brick, steel, plain found., Christie and East Grand Aves. $150,000.

N. J., Newark—OFFICE and STORE—See "Contracts Awarded."

N. J., Paterson — APARTMENT and STORE—M. Kinner, c/o H. Fritz, archt., 629 Main Ave., Passaic, sketches 4 story, basement, brick, steel, plain found. $150,000.

N. J., Paterson—BUSINESS—Owner, c/o J. C. Van Vlandren, archt., 140 Market St., 3 story, basement, brick, steel business building. $150,000. Noted Nov. 1.

Pa., Phila. — COMMERCIAL — Reading Co., C. Dillenbeck, ch. engr. Reading Terminal Bldg., rejected bids Sept. 24, 10 story, 225 x 500 ft., rein.-con., brick, steel, plain found., Noble, 13th, Callowhill and Broad Sts. Will readvertise. Terminal Warehouse Co., Delaware Ave. and Front St., lessee. Noted Sept. 6.

Pa., Upper Darby (Phila. P. O.) — OFFICE — Knatz-Cooke Co., 6924 Market St., Phila., plans by Ritter & Shay, Packard Bldg., Phila., 2 story, basement, 120 x 135 ft., rein.-con., brick, steel, plain found., 69th St. and Ashby Rd. $250,000.

D. C., Wash.—APARTMENT—El & Kay, 474 Penn. Ave. N. W., plans by L. T. Rouleau, Inc., Investment Bldg., apartment, Conn. Ave. and Devonshire St. N. W. $1,250,000.

Fla., Miami—COMMERCIAL—Firestone Tire & Rubber Co., South Main St., Akron, O., c/o W. C. Harris, Jacksonville, plans by Dealers Development Dpt., Firestone Tire & Rubber Co., South Main St., Akron, O., commercial building, West Flagler St. and 12th Ave. $250,000.

D. C., Wash. — APARTMENT — C. A. Treadway, 1627 16th St. N. W., revised plans by L. T. Rouleau, 1420 K St. N. W., apartment, Conn. Ave. and Legation St. $700,000.

D. C., Wash.—STORE and BUSINESS—Dewey & Co., South Bldg., store and business building, 14th and L Sts. N. W. $900,000. W. Douden, Hill Bldg., archt.

Miss., Ellisville — INFIRMARY — Mississippi State Building Comn., Jackson, W. C. Trotter, secy., postponed taking bids rein.-con., brick, stone infirmary. $500,000. C. H. Lindsley, Lamar Life Bldg., Jackson, archt. Noted Sept. 20.

O., Cleveland — TERMINAL WAREHOUSE — Nicholson Universal Steamship Co., c/o M. L. DeVenne, mgr., foot East 40th St., sketches by A. P. Emmons, engr. and archt., c/o owner, 2 story, basement, 100 x 550 ft., rein.-con., brick, incl. 45,000 cu.yd. excavation, 500,000 1,500 ft. concrete piling and dredging work, East 54th St. $1,000,000.

Ind., Evansville—APARTMENT and GARAGE—Coronado Holding Co., c/o A. Phelps, 306 North 4th St., plans by Bowling & Shank, 1198 Arcade Bldg., St. Louis, Mo., 10 story, basement, rein.-con., brick, Riverside Dr., $750,000. W. J. Knight & Co., 902 Wainwright Bldg., St. Louis, Mo., engrs.

Mich., Mt. Clemens—COURT HOUSE and CITY HALL—City, A. DeVantier, city clk., and Macomb Co., W. J. Steffins, clk., plans by G. J. Haas, 2231 Park Ave., Detroit, 10 story, basement, rein.-con., brick, steel, plain found., Gratiot Ave. $700,000.

Mich., Muskegon—BANK and OFFICE—Peoples State Bank for Savings, 8 or 10 story basement, 70 x 80 ft., rein.-con., brick, 1st St. and Clay Ave. $250,000-$350,000. Engineer and architect not selected.

Mich., Pontiac — HOSPITAL and NURSES HOME—Oakland Co., W. M. Brewer, secy. Bd. Auditors, plans by F. D. Madison, 212 1st State Bank Bldg., Royal Oak, 2 story, basement, irregular shaped, rein.-con., brick, stone, plain found., Elizabeth Lake Rd. $150,000.

Ill., Chicago — APARTMENT — I. D. Randalh 1607 Howard St., plans by W. S. Hoffman, 718 West 63rd St., 12 story, basement, 50 x 165 ft., 6319 Kenwood Ave.

Ill., Chicago—HOTEL—H. Jansen, 307 North Michigan Ave., sketches by W. Bernhard & Co., 820 Tower Court, 20 story, basement, 100 x 150 ft., Illinois and Rush Sts. $1,750,000.

Ill., Western Springs—HOSPITAL—Community Hospital, c/o C. E. Patterson, chn. Building Comn., 920 South Michigan Ave., Chicago, sketches by Pond, Pond, Martin & Lloyd, 180 South Michigan Ave., Chicago, 6 story, on 10 acre site, 47th St. near Wolf Road. $600,000.

Kan., Wichita—HOTEL and STORE—R. Ostat, et al., Blackwell, Okla., plans by H. H. Mahler Co., Lunch Bldg., Tulsa, Okla., 19 story, basement 125 x 140 ft., concrete, brick, steel, Lawrence and Williams Sts.

Kan., Wichita—OFFICE and STORE—R. Ostat, et al., Blackwell, Okla., plans by H. H. Mahler Co., Lynch Bldg., Tulsa, Okla., 16 story, basement, 140 x 150 ft., concrete, brick, granite, steel, Lawrence and Williams Sts.

Mo., Independence — BANK — First National Bank plans by Modori & Bihr, 1116 Continental Bldg., Kansas City, 5 story, basement, rein-con., brick bank. $150,000.

Tex., Baird — COURTHOUSE—Callahan Co., c/o C. White, judge, brick, stone on Square. $150,000. Voelcker & Dixon, Perkins Snider Bldg., Wichita Falls, archts. Noted Oct. 25.

Okla., Duncan — OFFICE — Oklahoma Natl. Bank plans by Hawk & Parr, Cotton Exch. Bldg., Oklahoma City, 6 story, 60 x 150 ft., rein.-con., brick, plain found., Main St. $175,000.

Okla., Lawton — COURT HOUSE — Comanche Co. sketches rein.-con., brick, plain found., D St. $150,000 or more. F. P. Aycock, co. clk. Engineer and architect not selected.

Calif., Palo Alto — HOSPITAL — Palo Alto Community Hospital Corp., (backed by Palo Alto Chamber of Commerce), Class "A" hospital, Old Quarry Rd. $350,000. Engineer and architect not selected.

Calif., San Bernardino — MEDICAL ARTS and APARTMENT — E. C. Dingwell, 1114 Quimby Bldg., Los Angeles, plans by R. Falkenrath, 611 Chamber Commerce Bldg., Los Angeles, 3 story, basement, 110 x 120 ft., tile, rein.-con., E and Church Sts. $200,000.

Calif., San Francisco—APARTMENTS—F. Anderson, 1320 22nd Ave., plans by Irvine & Ebbets, Call Bldg., two 3 story, frame, stucco, Euclid and Parker Aves. $75,000 each.

Calif., San Francisco — APARTMENT — O. E. Anderson, 483 15th St., sketches by Irvine & Ebbets, Call Bldg., 6 story, basement, steel, concrete, Clay and Presidio Aves. $150,000.

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Buildings—Commercial (Continued)

Ont., Kingston—HOTEL—Thomson & Johnson, archts., 224 Front St., Belleville, soon lets contract 5 story, basement, 67 x 134 ft., rein.-con., brick, steel, plain found., Queen St., for H. Johnson, c/o architect. $300,000.

Ont., Toronto — OFFICE — Abitibe Power & Paper Co., Iroquois Falls, plans by Marani, Lawson & Paisley, 219 Bay St., 4 story, basement, rein.-con., brick, steel, stone, plain found., University Ave. $200,000.

Ont., Toronto—POLICE ADMINISTRATION—City plans by J. J. Woolnough, City Hall, rein.-con., brick, steel, plain found. $500,000.

B. C., Vancouver — HOTEL — Grouse Mountain Highways & Scenic Resorts Ltd., Vancouver, hotel at Grouse Mountain. $200,000.

Bids Desired

Me., Belgrade—HOTEL—Belgrade Hotel, C. A. Hill taking bids altering and constructing 4 story, basement, brick addition, plain found. $150,000. H. S. Coombs, 11 Lisbon St., Lewiston, archt.

Mass., Brighton (sta. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Jamaica Plain (sta. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Medford (br. Boston)—APARTMENT—See "Contracts Awarded."

Mass., Palmer—HOSPITAL—Nov. 14, by Commonwealth of Massachusetts Dpt. Mental Diseases, 3 story, basement, childrens building, brick, plain found., at Monson State Hospital. To exceed $150,000. Kendall, Taylor & Co., 142 Berkley St., Boston, archt.

Mass., Salem — POST OFFICE — See "Contracts Awarded."

Conn., Hartford — WAREHOUSE — S. Shulansky, 101 Windsor Ave., taking bids 4 story, 85 x 150 ft., brick, rein.-con., Chestnut and Walnut Sts. $150,000. Golden Storrs & Co., 983 Main St., archts.

N. Y., New York—APARTMENTS—See "Contracts Awarded."

R. I., Providence — OFFICE — Rhode Island Insurance Co., Guarantee Fire Insurance Co. and Merchants Insurance Co., 177 Custom House St., taking bids 8 story, basement, 50 x 100 ft., brick, limestone, plain found., 31-37 Canal St. To exceed $150,000. Howe & Church, Turks Head Bldg., archts. Noted July 19.

N. J., Asbury Park—APARTMENT—C. E. Van Wickle, 501 Grand Ave., bids about Nov. 15, 11 story, basement, 100 x 100 ft., brick, steel, plain found., 4th and Grand Aves. $500,000. E. H. Schneider, 3rd Ave., Spring Lake, archt. Noted Oct. 18.

N. J., Atlantic City—APARTMENT—E. Steade, c/o J. Decker, archt., 14 Northfield Ave., West Orange, bids about Nov. 15, 10 story, basement, 58 x 114 ft., brick, steel, plain found., Atlantic Ave. and Chelsea St. $300,000. Noted Nov. 1.

N. J., Bayonne—CITY HALL—Bd. City Comrs., City Hall, bids about Nov. 15, on revised plans general contract 4 story, basement, brick, steel, plain found., Avenue C between 27th and 28th Sts. $1,000,000. P. A. Vivarttas, 110 48th St., Union City, archt. Noted Sept. 20.

N. J., Belleville (br. Newark)—HOSPITAL and NURSES HOME — Bd. Freeholders Essex Co., Market St. and Springfield Ave., Newark, bids about Nov. 15, 8 story, basement hospital, 5 story, basement nurses home, 2 story, basement service building, all brick, steel, County Isolation Grounds, $1,000,000. Sutton, Sutton & Calkins, 402 Broad St., Newark, archts. Noted Nov. 1.

N. J., Hackensack—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—APARTMENT—See "Contracts Awarded."

N. J., Jersey City—LABORATORY—Nov. 19, by Port of New York Authority, 70 West St., New York, 4 story, basement, 50 x 100 ft., brick, steel, plain found., Fox Pl. and West Side Ave. $250,000. Private plans. W. H. Burr, 120 Bway., New York, consult. engr. Noted Nov. 1.

N. J., Newark — APARTMENT — See "Contracts Awarded."

N. J., Orange — BANK and STORE — Orange Natl. Bank, 282 Main St., bids about Nov. 15, general contract 2 story, basement, brick, steel, plain found., Center St. and Central Ave. $150,000. E. H. Fougner, 197 Market St., Newark, archt. Noted Nov. 1.

N. J., Red Bank—APARTMENT—See "Contracts Awarded."

N. J., Roselle (Ind. br. Elizabeth)—APARTMENT—See "Contracts Awarded."

N. J., Secaucus (Ind. br. West New York)—HOSPITAL—Bd. Freeholders Hudson Co., Court House, Jersey City, bids about Dec. 1, 4 story, basement, rein.-con., brick, steel, plain found., County Ave. $500,000. J. T. Rowland, 30 Journal Sq., Jersey City, archt. Noted June 28.

N. J., Union City—BANK and OFFICE—W. Neuman, 40 Journal Sq., Jersey City, and F. Henzel, 254 Summit Ave., assoc. archts., taking bids (from selected list of bidders), 2 story, basement, 50 x 100 ft., brick, steel plain found. 15th St. and Summit Ave., for North Hudson Natl. Bank, c/o architect. Noted Nov. 11.

N. J., West New York—COMMERCIAL—See "Contracts Awarded."

N. J., West New York—OFFICE—Eagle Development Co. taking bids general contract 2 story, basement, 118 x 119 ft., brick, steel, plain found., Bergenline Ave. and 6th Sts. $150,000. Warren & Warren, 31 Clinton St., Newark, archts.

Pa., Butler—OFFICE—Nov. 13, by Jensen & Cocken, archts., Century Bldg., Pittsburgh, 3 story, basement, 78 x 120 ft., and 25 x 78 ft., brick, steel, for American Rolling Mills Co. $250,000. Noted Oct. 25.

Pa., Phila. — APARTMENT — See "Contracts Awarded."

D. C., Wash. — APARTMENT — S. M. Biron, 1219 9th St. N. W., taking bids on sub-contracts apartment, Chapin St. N. W. between 15th and 15th Sts. $200,000. G. T. Santmyer, 917 15th St. N. W., archt.

D. C., Wash. — APARTMENT — A. J. Howard, 1412 Eye St. N. W., taking bids on sub-contracts apartment, 19th St. N. W. $500,000. D. L. Stern, 1412 Eye St N. W., archt

D. C., Wash. — APARTMENT and GARAGE—C. D. Sager, 924 14th St. N. W., taking sub-bids apartment and garage, 120 C St. N. E. G. T. Santmyer, 917 14th St. N. W., archt.

D. C., Wash.—STORE—Potomac Freight Terminal Co. 4½ and D Sts. S. W., taking bids excavation for stores, Water St. from 12th to 14th Sts. S. W., $300,000. W. H. Cookhan, Pennsylvania R.R. Co., Broad St. Sta., Phila. Pa., archt. A. P. Clark, Jr., 816 14th St. N. W., consult. archt. Noted Aug. 2.

Mass., Chicopee Falls — THEATRE, STORE and OFFICE — L. Taloumis, 88 Main St., Chicopee, taking bids 2 story, 60 x 190 ft., brick, steel, Main St. $160,000. G. Dion, 10 Center St., Chicopee, archt. Noted Oct. 18 under "Chicopee."

Miss., Hattiesburg — HOTEL — Nov. 15 (extended date), by Forest Hotel Co., c/o Chamber of Commerce, 8 story, mezzanine, basement, 46 x 160 ft., rein.-con., brick, stone, terra cotta, Forest and West Pine Sts. $500,000. G. D. Barnett, 913 Syndicate Trust Bldg., St. Louis, Mo., archt. E. C. Hearon & Son, 201½ West Pine St., assoc. archts. Noted Nov. 1.

Ill., Chicago — HOSPITAL — Coolidge & Hogdon, archts 134 South La Salle St., bids about Dec. 1, Bobs Roberts Memorial Hospital for children, 6 story, 100 x 150 ft., rein.-con., brick, stone, 57th St. and Drexel Ave. for University of Chicago, 189 West Madison St. $500,000. Foundations now in.

Wis., Burlington—MASONIC TEMPLE—A. D. Koch, archt., 120 East Wisconsin Ave., Milwaukee, bids about Nov. 12, 2 and 3 story, part basement, 67 x 102 ft., brick, plain found., for Masonic Lodge, W. Newbury, secy.

Wis., Milwaukee — APARTMENT — George Zagel & Bro. Co., archts., 144 East Wells St., taking bids 6 story, basement, 60 x 105 ft., rein.-con., brick, plain found., Jackson Ave.

Wis., Milwaukee—OFFICE—Nov. 20, by Holabird & Root, archts., 333 North Michigan Ave., Chicago, Ill., altering and constructing 4 story, basement, rein.-con., brick, Bedford stone addition, 168 East Wisconsin Ave., for Northwestern National Insurance Co. $500,000. Noted Aug. 16.

Mo., Carthage—HOSPITAL—Nov. 14, by McKune-Brooks Memorial Hospital Assn., c/o S. McReynolds, pres., 3 story, basement, 45 x 150 ft., rein.-con., brick, stone hospital. $150,000. Hoener, Baum & Froese, 3605 Laclede Ave., St. Louis, archts. Noted Aug. 30.

Mo., St. Louis — APARTMENTS — Paramount Constr. Co., J. A. Pastel, pres., 904 Chestnut St., sub-bids about Nov. 15, two 13 story, basement, 69 x 160 ft., rein.-con., brick, terra cotta apartments, incl. 10-car garage in basement, 4436 and 4440 Lindell Blvd. $2,000,000. McDonald & Condie, 502 North Taylor Ave., archts.

Calif., Los Angeles—APARTMENT—See "Contracts Awarded."

Calif., Los Angeles — STORE and OFFICE—Sun Realty Co., 727 West 7th St., bids about Nov. 15, 12 story, basement, 57 x 160 ft., stone, steel, stucco, 8th and Hill Sts. $800,000. C. Beelman, 1019 Union Bank Bldg., archt.

Ont., Windsor—TERMINAL—Nov. 12, by Smith, Hinchman & Grylls, 800 Marquette Bldg., Detroit, Mich., 4 and 6 story, basement, irregular sized, rein.-con., brick, steel, plain found., for International Bridge Co., 21st St., Detroit, Mich. $150,000.

Calif., Monterey—STORE and OFFICE—H. J. Knauer, archt., 1124 South Western Ave., taking bids 5 story, basement, Class "A," Spanish gothic type, Main and Franklin Sts., for Spazier Development Co., 240 Franklin St. Noted Aug. 23.

Contracts Awarded

Me., Old Orchard—HOTEL—Owner, c/o Pulsifer & Eye, Inc., archts., 163 Main St., Lewiston, 3 story, basement, irregular sized brick, plain found., to D. Lemieux, 15 Russell St., Lewiston. Est. $150,000. Noted Oct. 4.

Me., Rockland—HOME—Knox Co. General Hospital, 3 story, basement, brick, plain found., to O. Nelson Co., 194 Exchange St., Bangor. Est. $150,000-$160,000. Noted Oct. 25.

Mass., Boston — POST OFFICE — New England Telegraph & Telephone Co., Oliver St., altering 11 story, basement, 130 x 160 ft., rein.-con. building for temporary post office, 245 State St., to R. A. Nordblom Co., Inc., 80 Broad St. U. S. Government, lessee.

Mass., Brighton (sta. Boston)—APARTMENT—Rosen Realty Corp., 11 Beacon St., Boston, 3 story, basement, irregular sized, brick, plain found., 81-89 Strathmore Rd., separate contracts. $250,000. Silverman & Brown, 51 Cornhill, Boston, archts.

Mass., Brighton (sta. Boston)—APARTMENT—M. Sbrowsky, 516 Blue Hill Ave., Dorchester, 3 story, basement, irregular sized, brick, stone, plain found., Strathmore Rd., separate contracts. $150,000. S. E. Moffie, 51 Cornhill, Boston, archt.

Conn., Hartford—INSURANCE—Scottish Union Insurance Co., J. H. Vreeland, 75 Elm St., 6 story, 70 x 70 ft., brick, steel, limestone, Elm St., to Marc Eidlitz & Son., Inc., 750 Main St. Est. $300,000.

Mass., Jamaica Plain (sta. Boston) — APARTMENT — W. T. Murray & J. H. Kurhan, 47 Almont St., Dorchester, 2 unit, 4 story, basement, 15,000 sq.ft. floor space each, brick, stone, plain founds., Centre St. and Beafort Rd., separate contracts. $300,000. S. E. Moffie, 51 Cornhill, Boston, archt.

Mass., Medford (br. Boston) — APARTMENT—P. A. Rice, 67 Playstead Rd., 3 story, basement, 65 x 185 ft., brick, stone, plain found., 142-148 High St., separate contracts. $200,000. E. B. Stratton, 25 Arch St., Boston, archt.

Mass., Quincy (Ind. br. Boston) — APARTMENT — Quincy Sunnylea Trust, 73 Tremont St., Boston, 4 and 6 story, basement, 70 x 145 ft., brick, stone, plain found., Upland Rd. and Presidents Lane, to E. S. Butterfield Co., 88 Broad St., Boston. Est. exceeds $150,000.

Mass., Salem — POST OFFICE — O. W. Farley, 214 Riverway St., Boston, 2 story, basement, 90 x 105 ft., brick, stone, plain found., separate contracts. $150,000. Eisenberg & Feer, 46 Cornhill, Boston, archts. Noted Oct. 11.

Conn., Bridgeport—EXCHANGE—Southern New England Telephone Co., 157 Church St., New Haven, foundation 10 story, 92 x 146 ft., brick, steel, Courtland St., to E. & F. Constr. Co., 94 Wells St. Total est. $3,000,000. Noted Oct. 25.

N. Y., New York—APARTMENT—Alliance Realty Corp., C. J. Daily, pres., 115 Bway., 16 story, 60 x 100 ft., brick, steel, plain found., 240 East 79th St., to R. H. Howes Constr. Co., 103 Park Ave. Est. $800,000.

N. Y., New York — APARTMENT — Arthur Grist, Inc., c/o G. B. Post, archt., 101 Park Ave., 14 story, 84 x 102 ft., brick, steel, 6028 East 84th St., to James Stewart & Co., 17 East 42nd St., New York. Est. $600,000.

N. Y., New York — APARTMENTS — Three Hundred Thirty-Two East 149th Street Corp., J. Perlbinder, pres., 332 East 149th St., 202 x 244 ft., 117 x 150 ft. and 82 x 161 ft. apartments, 196th St. and Grand Concourse, separate contracts. $1,500,000. Franklin, Bates & Heindsmann, 2526 Webster Ave., archts.

N. Y., New York — ARMORY — Armory Bd., J. B. Trainer, secy., Municipal Bldg., general contract altering and constructing additions to 2nd Battalion 105th Field Artillery Armory, to W. W. Constr. Co., 15 East 40th St., $208,500; heating, to Empire Heating Co., 415 Lexington Ave., $46,200. Noted Oct. 18. Plumbing, to E. V. McGovern, 251 East 66th St., $10,453.

N. Y., New York — HOSPITAL — B. S. Coler, comr. Pub. Welfare, Municipal Bldg., general contract altering south wing main building Metropolitan Hospital, Welfare Island, to Lustig & Weil, 145 East 32nd St., New York, $188,000; plumbing, to T. O. OBrien, Inc., 6311 5th Ave., Brooklyn, $37,758; heating, to H. Sand & Co.,

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Buildings—Commercial (Continued)

1384 West Bway., $32,175. Grand total $27,933. Noted Sept. 13.

N. J., Asbury Park — APARTMENT — Emery Court, Inc., S. Traub, pres., 1301 E St., Belmar, general contract 5 story, basement, 65 x 145 ft., brick, steel, plain found., Emery St and 8th Ave., to Asbury Constr. Co., 1301 E St., Belmer. Est. $160,000. Sub-bids rejected. Noted Sept. 27.

N. J., Hackensack — APARTMENT — J. Natale, 725 Adams St., 4 story, basement, 90 x 105 ft., brick, steel, plain found., Beech St., separate contracts. $225,000. G. Willaredt, 411 23rd St., West New York, archt. Noted Nov. 1.

N. J., Jersey City—APARTMENT—Gray Street Apartments, Inc., 494 Bway., Bayonne, 4 story, basement, brick, steel, plain found., 36-38 Gray St., separate contracts. $150,000. H. Adelman, 494 Bway., Bayonne, archt. Noted Nov. 1.

N. J., Jersey City — APARTMENT and STORE—Greater New York Housing Corp., J. Reichnitz, treas., 1123 Bway., New York, general contract fifteen 3 story, basement, 20 x 75 ft., brick, steel, to Raffael Contg. Co., 1123 Bway., New York. Est. $250,000. Noted Nov. 1.

N. J., Newark—APARTMENT—Sanford Holding Co., Inc., 207 Market St., 4 story, basement, 100 x 116 ft., brick, steel, plain found., 720 Sanford Ave., separate contracts. $200,000. Former bids rejected. E. A. Wurth, Jr., 207 Market St., archt. Noted June 21.

N. J., Newark—GARAGE—New Jersey Bell Telephone Co., 1060 Broad St., garage, to Turner Constr. Co., Graybar Bldg., New York. Est. $150,000. Noted Oct. 25.

N. J., Newark—OFFICE and STORE—K. Mayzil, 24 East Park St., 3 story, basement, 100 x 115 ft., brick, rein.-con., plain found., 269-77 Plane St., separate contracts. $150,000. Private plans. Noted Nov. 8.

N. J., New Brunswick — SALES STATION—Standard Oil Development Co., Brunswick Ave., Linden, general contract 1 story, 50 x 104 ft. office and garage, 1 story, 60 x 80 ft. warehouse, to Highland Park Building Co., 238 Cleveland Ave., Highland Park. Est. $150,000. Noted Oct. 18.

N. J., Red Bank—APARTMENT—H. Whitfield, 3 story, basement, 75 x 100 ft., brick, steel, plain found., separate contracts. $150,000. Private plans. Noted Oct. 25.

N. J., Roselle (Ind. br. Elizabeth)—APARTMENT—K. E. F. Constr. Co., 91 Broad St., Elizabeth, 3 story, basement, 70 x 100 ft., brick, steel, plain found., Vine and Watson Sts., separate contracts. $150,000. W. L. Finne, 91 Broad St., Elizabeth, archt. Noted Nov. 1.

N. J., West New Jersey—COMMERCIAL—Pub. Serv. Electric & Gas Co., 80 Park Pl., Newark, 2 story, basement, brick, steel, plain, found., 5th St. and Murphy Pl., separate contracts. $150,000. Pub. Serv. Production Co., 80 Park Pl., Newark, archts.

Pa., Bryn Mawr—APARTMENT—H. E. Benner, c/o H. L. Remhold, Jr., archt., 1632 Walnut St., Phila., 3 story, basement, 40 x 178 ft., brick, steel, plain found., Lancaster and Merion Aves., to A. Joll, 10 South 18th St. Est. $160,000. Noted July 19.

Pa., Phila. — APARTMENT — Zarch & Fisher, Real Estate Trust Bldg., 4 story, basement, 86 x 152 ft., brick, steel, plain found., 60th and Baltimore Sts., separate contracts. $150,000. J. E. Fieldstein, 112 South 16th St., archt.

Pa., Phila. — THEATRE and STORE — W. H. Lee, archt., Schaff Bldg., 2 story, basement, 107 x 195 ft., rein.-con., brick, steel, plain found., 8400 Frankford Ave., to T. Gagleardi, 8119 Frankford Ave., for Holmes Realty Co., c/o architect. Est. $275,000. Noted Oct. 4.

La., Shreveport — HOSPITAL — Charity Hospital, c/o Secretary of Bd. general contract remodeling and constructing 1 story brick, concrete addition, to H. & B. Constr. Co., Ricon-Brewster Bldg., $119,474. Noted Sept. 27.

O., Cincinnati — COMMERCIAL — Schwartz Realty Co., 301 Provident Bank Bldg., 4 story, basement, 63 x 137 ft., rein.-con., brick, plain found., Reading Rd., to Parkway Constr. Co., 330 Provident Bank, $125,000.

O., Cleveland—BANK—Cleveland Union Terminal Co., Terminal Tower Bldg., and Cleveland Terminal Building Co., c/o C. L. Bradley, pres., 1 story, concrete, brick, steel, to Aronberg-Fried Co., Terminal Tower Bldg. Est. $200,000.

O., Cleveland—GARAGE—Hanna Garage Co., A. A. Kerr, pres., 1741 East 12th St., 3 story, 130 x 132 ft., rein.-con., brick top addition, 1741 East 12th St., to Crowell & Little Constr. Co., Hanna Bldg. Est. **$200,000.**

Ind., Hammond—APARTMENT—Whiting & Hammond Corp., c/o L. H. Warriner, archt., Gary, general contract 3 story, basement, 125 x 135 ft., rein.-con., brick, to W. B. Mitchell Co., 2838 East 91st St., Chicago, Ill. Est. $300,000. Noted Oct. 25.

Ill., Chicago—APARTMENT—L. S. Drive Corp., c/o R. S. De Goyler, archt., 307 North Michigan Ave., general contract 27 story, basement, 61 x 90 ft., 1242-44 Lake Shore Dr., to Turner Constr. Co., 228 North La Salle St. Est. $1,500,000. Noted Aug. 23.

Ill., Chicago — APARTMENTS — Julius Rosenwald, 4901 Ellis Ave., general contract group 5 story, basement, covering entire block, to B-W Constr. Co., 720 Cass St. Est. $2,700,000. Noted July 19.

Ill., Chicago — APARTMENT — Betts & Holcomb, archts., 32 West Randolph St., masonry contract 7 story, basement, 32 x 146 ft., to E. Edlund, 1833 Greenleaf Ave., for E. H. Oldenburger, 7337 Phillips St. Est. $250,000. Noted Sept. 27.

Ill., Chicago—OFFICE and GARAGE—A. S. Alschuler, Inc., archts., 28 East Jackson Blvd., general contract 19 story, basement, 120 x 173 ft., for H. W. Rubloff, 10 South La Salle St., to H. Erickson Co., 228 North La Salle St.; pile foundations, to Paschen Bros., 111 West Washington St. Est. $2,100,000. Noted Oct. 4.

Wis., Milwaukee—APARTMENT HOTEL—Knickerbocker Hotel Co., c/o Rosman & Wierdsman, archts., 490 Bway., masonry and concrete contract 8 story, basement, 146 x 185 ft., rein.-con., brick, Juneau Ave., to R. L. Reisinger & Co., 466 Oakland Ave. Noted Feb. 23.

Ia., Keokuk — HOSPITAL — M. J. Geise, archt., State Central Bank Bldg., general contract 2 story, basement, 41 x 70 ft., and 41 x 130 ft., brick, steel, stone, to Vahle Bros., Quincy, for Graham Protestant Hospital Assn., B. B. Hobbs, chn. $69,022. Noted Aug. 23.

Mo., Kansas City—APARTMENT—Eberhardt Constr. Co., Dwight Bldg., 10 story, basement, rein.-con., brick apartment. Est. exceeds $150,000. Owner builds. A. H. Gentry, March Bldg., archt.

Tex., Big Springs—OFFICE—G. T. Hall & Associates, Big Springs, 6 story, part basement, 60 x 90 ft., brick, stone, concrete, to A. Randall, Amarillo, $150,000. Noted Sept. 13.

Tex., San Antonio—BANK and OFFICE—Alamo Natl. Bank, c/o E. L. Brown, pres., 128 West Commerce St., general contract 20 story basement, rein.-con., brick, stone, steel, to McKenzie Constr. Co., c/o Travis Bldg., A. J. McKenzie, pres. $600,000. Noted Nov. 1.

Tex., San Antonio—MARKET CENTER—American Building Co., c/o A. H. Cadwallader, c/o Real Estate Bldg., 1 and 2 story, concrete, brick, stone, tile, stucco market center to be known as French Market, Fredericksburg Rd. and Donaldson Ave. $500,000. Owner builds. Private plans.

Okla., Tulsa—SALES and SERVICE—Greenlease-Moore Cadillac Co., 1201 South Main St., 4 story, basement, 100 x 140 ft., rein.-con., brick, hollow tile, to R. M. Gillian, 1418 East 6th St. Est. $150,000.

Wash., Olympia—HOTEL—Puget Sound Hotels, 70-room addition to Hotel Mitchell, to H. L. Stevens, Olympia, $150,000. Noted Sept. 13.

Calif., Los Angeles—APARTMENT—C. Lentz, c/o P. Stockigt, archt., 3140 Sunset Blvd., 5 story, basement, 98 x 103 ft., brick, rein.-con., South Detroit St., to J. A. Carter, 2835 Buckingham Rd., $150,000.

Calif, Los Angeles—STORE and APARTMENT—W. B. Hess & Co., 426 Merchants Natl. Bank Bldg., 3 story, basement, 60 x 325 ft., stucco, tile, Pasadena Ave. $200,000. Owner builds. L. Selden, 508 Byrne Bldg., archt. Noted Oct. 4.

Ont., Port Arthur—HOSPITAL—W. H. Russell, chn. Hospital Bd., Ruttan Bldg., general contract 6 story, basement, 60 x 155 ft., brick, stone, to M. H. Braden, High and Van Norman Sts., $320,000. Noted Sept. 20.

Buildings—Educational, Religious

Proposed Work

Vt., Winooski—SCHOOL—Town, L. P. Allard, clk. School Bd., grade school. $150,000 or more. Engineer and architect not selected.

Mass., Boston—COLLEGE—Boston University, D. L. Marsh, pres., 688 Boylston St., sketches by Cram & Ferguson, 248 Boylston St., and Coolidge, Shepley, Bulfinch & Abbott, assoc. archts., Ames Bldg., group buildings, incl. liberal arts, business administration, theology, religious education, practical arts and music, chapel and power plant, Commonwealth Ave., Granby St. and Charles River Rd. To exceed $150,000.

Mass., Mattapan (sta. Boston)—NURSES HOME—City of Boston, Hospital Dpt., soon takes bids 3 story, basement, irregular sized, brick, plain found., River St. $195,000. J. H. Ritchie Associates, 250 Stuart St., Boston, archts.

Conn., Newington—DORMITORY—Newington Home for Crippled Children, J. L. Goodwin, chn., plans by Ebbets & Frid, 15 Lewis St., Hartford, 2 story, basement, 85 x 124 ft., brick, rein.-con. dormitory. $150,000.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York, plans by M. C. Martin, Flatbush Ave. extension and Concord St., Brooklyn, 4 story, 179 x 183 ft., brick, Avenue B and East 93rd St. $735,000.

N. J., Jersey City—SCHOOL—Bd. Educ., Harrison Ave., 3 story, basement, brick, steel, plain found., Sherman Ave. between Franklin and Hutton Sts. $500,000. Engineer and architect not selected.

N. J., Lyndhurst (br. Rutherford) — TEMPLE—Adoniram Lodge F. & A. M. 237, 16 Riverside Ave., plans by A. L. Vigliante, 42 Passaic Ave., Garfield, 2 story, basement, brick, steel, plain found. $150,000. Noted Nov. 1.

Del., Milford — HIGH SCHOOL — Bd. Educ., Delaware School Foundation, A. J. Taylor, vice-pres., Du Pont Bldg., Wilmington, plans by Guilbert & Betelle, 20 Branford Pl., Newark, N. J., Junior and Senior High School, 2 story, basement, brick, steel, plain found. $150,000. Noted Oct. 18.

O., Ashland — CHURCH — Methodist Episcopal Congregation, H. R. Whiting, pastor, sketches by Vernon Redding & Associates, Walpark Bldg., Mansfield, 1 story, brick, steel, stone. $300,000.

O., Brecksville — SCHOOL — School Bd. soon takes bids 2 story, basement addition, incl. library, auditorium, gymnasium, lunch room, class rooms. $150,000-$175,000.

Mich., Ypsilanti—HIGH SCHOOL—Bd. Educ. plans by R. S. Gerganoff, 206 North Washington St., 2 story, basement, brick, steel, concrete, stone, plain found., West Cross St. $750,000.

Ia., Des Moines — MEDICAL ARTS — Syndicate, c/o E. B. Winnett, 2930 Cottage Grove Ave., plans by Normile & Emery, 604 Hubbell Bldg., 12 story, basement, rein.-con., brick, stone. $1,500,000.

Calif., Claremont — DORMITORY — Scripps College for Women plans by G. B. Kaufmann, Union Bank Bldg., Los Angeles, rein.-con., hollow tile dormitory. $200,000.

Ont., Oshawa—TECHNICAL SCHOOL—Bd. Educ. plans by S. B. Coon & Son, 4 St. Thomas St., Toronto, 2 story, basement, rein.-con., brick, steel, stone, plain found. $200,000.

Bids Desired

Mass., Lynn—HIGH SCHOOL—City, H. S. Bauer, mayor, City Hall, taking bids 2 story, basement, brick, stone addition to Eastern Junior High School, plain found., Porter St., incl. gymnasium, auditorium. $200,000. C. L. Betton, 31 Exchange St., archts. Noted Nov. 1.

Conn., Waterbury—SYNAGOGUE—Temple Beth El bids about Nov. 15, 2 story, basement, brick, steel, plain found. $200,000. Myers, Bigelow & Shanley, 24 Walnut St., Newark, N. J., archts. Noted Sept. 27.

N. J., Passaic—COMMUNITY CENTER—Ahravas Israel, M. Bing, 171 Howard St., bids about Nov. 15, 5 story, basement, 100 x 150 ft., brick, steel, plain found., 187 Van Houten Ave. $150,000. Preiskel & Skvaria, 2 Lexington Ave., archt. Noted Aug. 16.

N. J., Plainfield — COMMUNITY CENTER — Nov. 21, by Bloch & Hesse, archts., 18 East 41st St., New York, general contract 2 and 3 story, basement, 120 x 125 ft., brick, steel, plain found., West 7th St. and Central Ave., for Jewish Community Center of Plainfield, 185 North Ave. $150,000. Noted Sept. 6.

N. J., Paterson—SYNAGOGUE—Nov. 14, by F. W. Wentworth, archt., 110 Market St., 2 story, basement, brick, steel, plain found., Bway. and 33rd Ave., for Temple Emanuel. $150,000. Noted Sept. 20.

N. J., Westwood—SCHOOL—Bd. Educ., Boro Hall, bids about Dec. 1, 2 story, basement, brick, steel, plain found. $325,000. A. E. Dore, 173 Main St., Hackensack, archt. Noted Oct. 11.

Pa., Harrisburg—CHURCH—St. Marys Catholic Church taking bids general contract, 65 x 112 ft., Indiana limestone, granite church, 116 ft. high, plain concrete found., 3rd and Woodbine Sts. $300,000. Link, Weber & Bowers, 407 North Craig St., Pittsburgh, archts. B. E. Starr, 7-A South 2nd Sts., assoc. archt.

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Buildings—Educational, Religious (Cont.)

Pa., Pittsburgh—CHURCH and SUNDAY SCHOOL—Ingham & Boyd, archts., Empire Bldg., taking bids and open same about Nov. 5, 1 and 2 story, basement, brick, stone, Forbes St. and Braddock Ave., for Waverly Presbyterian Church, Braddock Ave. $250,000.

D. C., Wash.—SCHOOL—Nov. 20, by District Comrs., District Bldg., addition to S. J. Bowen School.

D. C., Wash.—SEMINARY—St. Joseph's Seminary, c/o Maginnis & Walsh, archts., 20 Providence St., Boston, Mass., bids about Jan. 1, seminary, Webster, Varnum, 13th and 14th Sts. $350,000.

Fla., Tallahassee — DORMITORY — Nov. 12, by Florida State Bd. Control, P. K. Yonge, chn., Carling Hotel, Jacksonville, (selected list bidders) boys dormitory.

Miss., Hattiesburg—COLLEGE—Nov. 22, by State Teachers College, c/o Mississippi State Building Comn., Jackson, W. C. Trotter, secy., administration, dormitory, dining hall and power plant, all rein.-con., brick, stone. $470,000. V. B. Smith, Jr., Real Estate Bldg., Gulfport, archt. Noted June 28.

Miss., Millsaps (Jackson P. O.) — SCIENCE HALL — Nov. 14, by Millsaps College, c/o D. M. Key, pres., 3 story, rein.-con., brick, stone. $1500,00. H. N. Austin, 301 Daniel Bldg., Jackson, archt. Noted June 7.

La., Algiers (sta. New Orleans) — CHURCH—Holy Name of Mary Parish, c/o pastor, bids about Nov. 17, 1 and 2 story, 65 x 177 ft., rein.-con., brick, stone, terra cotta, Verett and Alix Sts. $200,000. A. W. Norman, Cotton Exch. Bldg., New Orleans, archt. Noted Oct. 25.

La., New Orleans—CHURCH—Nov. 15, by A. W. Norman, archt., Maritime Bldg., 70 x 177 ft., rein.-con., brick, 70 ft. high, wood pile found., Verrett St., for Church of Holy Name of Mary, Verrett and Alix Sts. $200,000. Noted Oct. 25.

Mich., Detroit—SCHOOL—Nov. 12, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway., 2 story, basement, 24 room irregular shaped, rein.-con., brick, steel, plain found., State Fair Ave. $400,000. McGrath & Dohmen, 2231 Park Ave., archts. Noted Sept. 20.

Mich., Detroit—SCHOOL—Nov. 12, by C. A. Gadd, bus. mgr., Bd. Educ., 1354 Bway. Ave., 2 story, basement, 110 x 134 ft., rein.-con., brick, steel, plain found., Lappin Ave. $185,000. G. D. Mason, 800 Standard Savings & Loan Bldg., archts.

Ia., Cedar Rapids—SCHOOL—Nov. 16, by St. Patricks Parish, c/o D. J. Lenihan, 501 1st Ave. W., 3 story, 130 x 195 ft., rein.-con., brick school. $175,000. C. B. Zalesky, Security Bldg., archts. Noted Sept. 6.

Ark., North Little Rock—HIGH SCHOOL—School Bd., W. E. Phipps, secy., 4th and Willow Sts., new bids about Nov. 15, 3 story, 2 story tower, basement, 52 room, rein.-con., brick, stone, 22nd and Maple Sts. $350,000. G. R. Mann, Wagner & King, New Donaghey Bldg., Little Rock, archts. Noted Oct. 4.

Tex., Houston — HIGH SCHOOL — Nov. 14, by Bd. Educ., Houston Independent School Dist., at office H. L. Mills, bus. mgr., 1600 Washington Ave., general contract altering and constructing addition to Jefferson Davis Senior High School. Hedrick & Gottlieb, Post-Dispatch Bldg., archts.

Calif., San Francisco—HIGH SCHOOL—Nov. 28, by Bd. P. Wks., steel, concrete, brick addition to Polytechnic High School, Frederick St., for City and San Francisco Co. $142,000. G. A. Lansburgh, 130 Montgomery St., archts.

Contracts Awarded

Mass., Brookline (br. Boston)—SCHOOL—Dexter School, F. J. Bradlee, Jr., treas., 35 Congress St., Boston, 2 story, basement, 45 x 165 ft., brick, stone, plain found., to Leighton-Mitchell Co., 99 Chauncy St., Boston. Est. $150,000. Noted Oct. 18.

Mass., Nantucket — HIGH SCHOOL — Little & Russell, archts., 20 Newbury St., Boston, 2 story, basement, rein.-con., stone, plain found., to J. M. Hartwell, 46 Cornhill, Boston, for Town. Est. $180,000. Noted Oct. 25.

Mass., Turners Falls — CHURCH — Our Lady of Czesochowa, T. M. O'Leary, pastor, 1 story, basement, stone, steel, plain found., to J. J. Roberts, 4 Wall St., Worcester. Est. $150,000.

Mass., Worcester—HOME—St. Francis Air Society, J. H. Fontaine, 4 story, 80 x 125 ft., brick, steel, to L. Rocheford & Son, 44 Front St. Est. $200,000. Noted Oct. 18.

N. Y., Delmar—CHURCH and SCHOOL—Woodbury & Stuart, archts., 581 Boylston St., Boston, Mass., 1 story, basement, stone, to C. V. Soule, Main St., for Delmar

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Methodist Church. Est. $150,000. Noted Aug. 2.

N. Y., Farmingdale—NURSES' HOME—Nassau Co. Sanitarium, c/o A. Davis, 55 North Milton Ave., Garden City, 2 story nurses' home, to A. Wischert, 8 Essex St., Brooklyn. Est. $160,000.

N. Y., Lackawanna—SCHOOL—Village, general contract school, Spruce and Pine Sts., to A. Utecht, Gould Ave., Depew, $125,000.

N. J., Elizabeth — CHURCH — Sacred Heart Roman Catholic Church, 403 Spring St., 1 story, basement, brick, steel addition, plain found., to Thomas Reynolds & Sons, 26 Sanford Terrace, Irvington. Est. $150,000. Noted Oct. 25.

N. J., Morristown — SYNAGOGUE and COMMUNITY CENTER — Jewish Community Center of Morristown, Inc., M. Epstein, chn., 32 Park Pl., general contract 2 story, basement, 115 x 130 ft., brick, steel, plain found., to Bontempo & D'Annunzio, Inc., 8 Flagler St. Est. $150,000. Noted June 7.

Pa., Lewistown — HIGH SCHOOL — School Dist. of Lewistown, general contract 3 story, basement, brick, steel, to Yenter Bros., Tyrone. Est. $150,000.

Pa., New Castle — CHURCH — First United Presbyterian Congregation, general contract 1 and 2 story, basement, to J. Clyde Gilfillan, 901 Wilmington Ave. Est. $200,000.

Pa., Phila.—DORMITORY—R. L. Gill, archt., 5600 Germantown Ave., 3 story, basement, 40 x 110 ft., brick, steel, plain found., Front and Lehigh Sts., to Barclay White Co., 1713 Sansom St., for Episcopal Hospital. Noted Oct. 11.

Miss., Cleveland—SCHOOL—Delta State Teachers College, c/o Mississippi State Building Comn., Jackson, W. C. Trotter, Secy., general contract 2 and 3 story, 36 x 174 ft. dormitory, 1 story, 120 x 122 ft. dining hall, 55 x 183 ft. auditorium, to Currie & Corley, Raleigh, $235,000. Noted Oct. 4. Heating and plumbing, to S. S. Richard, Franklin, La., $2f,206.

O., Cincinnati—SCHOOL—Bd. Educ., 216 East 9th St., 3 story, basement, 151 x 303 ft., rein.-con., brick, plain found., Freeman St., to Penker Constr. Co., 123 Valencia St., $669,799. Noted Nov. 1.

Ill., Elmhurst — HIGH SCHOOL — Bd. Educ., masonry and carpentry contract addition to school, to J. C. Coberg, 262 West Fremont St.; cut stone, to E. H. Heldmaier, 2428 Throop St., Chicago; heating, to W. J. Gemeny Co., 2528 West Madison St., Chicago; plumbing, to T. E. Whitchurch 5143 West 22nd St., Cicero; electric wiring, to Dean Electric Constr. Co., 1132 Williams St., Oak Park; oil burners to W. S. Ray Co., 720 Cass St., Chicago; structural steel, to Midland Structural Steel Co., 1310 South 54th St., Cicero. Est. $350,000. Noted Oct. 4.

Ill., Oak Park—SCHOOLS—Bd. Educ., general contract 2 story addition to Hawthorne School, to A. Caron & Son, 1121 Williams St., Chicago; 2 story addition to Lincoln School, to E. L. Archibald Co., 111 West Washington St., Chicago, plumbing and heating for both, to W. A. Pope, 26 North Jefferson St., Chicago. Est. $200,000 each. Noted Sept. 20.

Federal Government Work

Proposed Work

N. Y., Brooklyn—DREDGING—U. S. Engineer Office, Army Bldg., New York, 77,800 cu.yd. material in channel Newtown Creek.

Pa., Pittsburgh — FEDERAL — Treas. Dpt., Wash., D. C., plans by Trowbridge & Livingston, 527 5th Ave., New York, and bids about Jan. 1, 10 story federal building.

Va., Newport News—DREDGING—U. S. Engineer Office, 2,000,000 cu.yd. in Newport News Channel.

Calif., San Diego—ELECTRICAL WORK—Spec. 5659—Bureau Yards & Docks, Navy Dpt., Wash., D. C., electrical work, incl. lighting systems, wires, cables, conduits, transformers, manholes, etc. for Naval Operating Base (Air Station).

Bids Desired

N. Y., Brooklyn—ROOFING—Spec. 5733—Nov. 14, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., repairing roofs, gutters, leaders, skylights, incl. incidental repairs at Naval Hospital.

N. Y., Elmira—POST OFFICE—Nov. 27, by Treas. Dpt., at office Supervising Archt., Wash., D. C., extending U. S. Post Office.

N. Y., Fort Wadsworth (mail Staten Island) — WATERMAIN — Nov. 15, by Quartermaster Dpt., installing 6 and 8 in. watermain with accessories.

D. C., Wash.—JACKING and ROLLING SYSTEM—Nov. 19, by A. L. Flint, genl. purch. agt. Panama Canal, material and equipment for Jacking and rolling system for repairing miter gate bearings of canal locks, incl. jacks, power pumping system, yokes, links, pins, need beams, roller nests, track beam groups, bearing slabs and jacking fluid.

Va., Fort Monroe — DREDGING — Nov. 13, at office Constructing Quartermaster, in area adjacent to quartermaster and mine boat houses.

Ky., Nicholasville—ADDITION—Nov. 15, by Quartermaster Dpt., Jeffersonville, Ind., addition and installing hot water heating system in superintendent's lodge, Camp Nelson Natl. Cemetery.

Idaho—CONCRETE LINING—Nov. 12, by Bureau Reclamation, Denver, Colo., 1,000 lin.ft. concrete lining with 1 outlet drain in main south side canal, Minidoka Project, Idaho.

Bids Received

N. Y., Dunkirk—POST OFFICE—Treas. Dpt. at office Supervising Archt., Wash., D. C., U. S. Post Office, from W. MacDonald Constr. Co., Syndicate Trust Bldg., St. Louis, Mo., $92,095.

Pa., Olyphant — POST OFFICE — Treas. Dpt., at office Supervising Archt., Wash., D. C., Nov. 2, U. S. Post Office, from A. C. Samford, Shepherd Bldg., Montgomery, Ala., $46,960. Noted Oct. 11.

D. C., Wash. — NURSES QUARTERS — Constructing Quartermaster, Nov. 2, nurses quarters at Walter Reed Hospital, from Murch Bros. Constr. Co., Railway Exch. Bldg., St. Louis, Mo., $299,000 (230 days). Noted Oct. 25.

Va., Yorktown — FIRE ALARM CIRCUITS — Spec. 5379 — Bureau Yards & Docks, Navy Dpt., Wash., D. C., fire alarm circuits, from Perry Electric Co., 29th St. and Washington Ave., Newport News, Va., $20,500. Noted Sept. 20.

Mississippi — LEVEES — U. S. Engineer Office, Memphis, Tenn., 430,000 cu.yd. levee extension in Upper Yazoo Levee Dist. near Lakeview, Piece 35, from Carral Constr. Co., 501 McCall Bldg., Memphis, Tenn., $104,705; Piece 36, from McWilliams & Co., Exchange Bldg., Memphis, Tenn., $63,495; Pieces 37 and 38, from Lowrance Bros. & Co., 623 Front St., Memphis, Tenn., $74,530 each.

Tenn., Memphis—RECREATION—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., recreation building at U. S. Veterans' Hospital, from Palmer Co., Atlanta, Ga., $64,850 (180 days). Noted Oct. 4.

Calif., San Diego—BOILER—Spec. 5483—Bureau Yards & Docks, Navy Dpt., Wash., D. C., Oct. 31, boiler and accessories at Naval Operating Base, from R. G. Neyler Corp., 940 Maple Ave., Los Angeles, $5,874. Noted Oct. 1.

Contracts Awarded

Md., Perry Point—DREDGING—U. S. Veterans' Bureau, Arlington Bldg., Wash., D. C., dredging waterworks, intake channel, to Delaware Dredging Co., 139 South 3rd St., Phila., Pa., $6,770.

D. C., Wash.—VENTILATING—D. Lynn, archt. of Capitol, ventilating and air conditioning of Senate Chamber, to Carrier Eng. Co., 750 Frelinghuysen Ave., Newark, N. J., $120,500. Noted Oct. 25.

La., New Orleans—EARTHWORK—U. S. Engineer's Office, Burdette St. and Riverfront, in Margaret Levee, to Lew-Chambers Constr. Co., New Orleans, $127,020.

Tennessee—DRILLING—U. S. Engineer Office, Chattanooga, diamond core drilling in Tennessee River, to Pennsylvania Drilling Co., 1812 West Carson St., Pittsburgh, Pa., $3,575.

Colorado—ROADS—Bureau Pub. Rds., Denver, improving Eagle-Thomasville Project, Sect. B, to C. A. Switzer, Arvada, $54,942.

Colo., Denver—CEMENT— Bureau Reclamation, 10,000 bbl. cement for Owyhee Project, to Oregon Portland Cement Co., Lime, Ore., $34,010.

N. M., Fort Stanton — RESERVOIR — Treas. Dpt., at office Supervising Archt., Wash., D. C., partition wall in reservoir, at U. S. Marine Hospital, to R. Gilchrist, 610 Mills St., El Paso, Tex., $4,650 (40 days). Noted Oct. 25.

Wash., Walla Walla — INFIRMARY — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., infirmary, to N. P. Severin Co., 222 North Adams St., Chicago, Ill., $229,000. Noted Sept. 13.

Washington—ROAD—U. S. Bureau Pub. Rds., Portland, Ore., grading 1.35 mi. White River Rd., Rainier Natl. Park, to A. C. Goerig, Pantages Bldg., Seattle, $60,555.

Calif., San Diego — POWER HOUSE — Spec. 5697—Bureau Yards & Docks, Navy Dpt., Wash., D. C., addition at Naval

Federal Government Works (Continued)

Radio Station, Chalias Heights, Naval Operating Base, to Wurster Constr. Co., 231 Spreckles Theatre Bldg., $5,390 (60 days).

Unclassified

Proposed Work

TUNNEL — **Newburyport, Mass.** — Kendall, Taylor & Co., archts., 142 Berkley St., Boston, revising plans concrete connecting tunnel between buildings for Anna Jaques Hospital. $25,000-$30,000. Former bids rejected.

TANKS—**Bayonne, N. J.**—Tidewater Oil Co., Constable Hook, plans 19 steel tanks, pipe stills, sheds, Constable Hook. $150,000. Private plans. Noted Nov. 1.

ELEVATORS, etc.—**Brooklyn, N. Y.**—New York Dock Co., 44 Whitehall St., New York, plans by Otis Elevator Co., 130 Clinton St., altering elevator shafts in six 12 story, warehouses and lofts, Furman and Joralemon Sts. $200,000.

ROLLER SKATING RINK and STANDS —**Brooklyn, N. Y.**—Cypress Hills Swimming Pool Co., plans by A. L. Beasley, 119 190th St., St. Albans, 65 x 120 ft. roller skating rink and stands, Jamaica Ave. and Crescent St. $25,000.

GRADE CROSSING ELIMINATION — **Middleport, N. Y.**—New York Central R.R. Co., F. B. Freeman, ch. engr., Grand Central Terminal, New York, eliminating Main St. Grade Crossing by depressing grade of street and carrying it under tracks. $178,000.

OIL TANKS and LOADING EQUIPMENT — **Fort Lauderdale, Fla.** — Florida Power & Light Co., Fort Everglades (Bay Mabel), two 80,000 bbl. tanks and equipment.

COALING STATION — **Detroit, Mich.** — Detroit Edison Co., 2000 2nd Blvd., coaling station, incl. hoppers, coal handling equipment, rein.-con., steel, Deguindre St. $450,000. Private plans.

AIRPORT—**Flint, Mich.**—Bishop Airport Corp., c/o E. T. Strong Buick Motor Co., airport. To exceed $50,000. American Air Ports Corp., 527 5th Ave., New York, engrs.

RETAINING WALL—**Cedar Rapids, Ia.** —City takes bids in Spring removing lower part retaining wall around Municipal Island between 2nd and 3rd Aves., replacing with 410 ft. rein.-con. wall. $60,000. F. E. Young, city engr.

CULVERTS — **Jetmore, Kan.** — See "Streets and Roads."

AIRPLANE FIELD—**Jacksonville, Tex.** —Chamber of Commerce, Jacksonville airplane field. Private plans.

STEEL TANKS — **McCamey, Tex.** — Roxana Petroleum Co., City Natl. Bank Bldg., San Antonio, twelve 80,000 bbl. steel tanks on farm near here. $350,000. Private plans.

GAS PIPE LINE — **New Mexico and Texas** — El Paso Gas Utilities Corp., c/o 1st Natl. Bank Bldg., El Paso, Tex., granted franchise gas pipe line from New Mexico City, N. M. (Lea Co.) to El Paso, Tex. $200,000. Private plans.

AIR PORT—**Cushing, Okla.**—City preliminary plans airport. $50,000. L. A. Crenshaw, mayor.

ORNAMENTAL LIGHTING SYSTEM—**Berkeley, Calif.**—Ornamental lighting system on Adeline St. from Ward St. south to city limits. To exceed $25,000.

LIGHTING SYSTEM—**Oakland, Calif.**—Ornamental lighting system on Telegraph Ave. between 20th and 40th Sts. $25,000 or more. G. Randle, city engr.

ORNAMENTAL LIGHTING SYSTEM—**Richmond, Calif.**—Ornamental lighting system on 10th St. between Locas Ave. and Cutting Blvd. To exceed $25,000. E. A. Hoffman, city engr.

GRAIN ELEVATOR — **Sarnia, Ont.**— Sarnia Elevator Co., J. Playfair, 2,000,000 bu. grain elevator addition, on Riverfront. $650,000. Private plans.

COKING PLANT—**Port Stanley, Ont.**— Dominion Gas Co., S. B. Severson, mgr., St. Thomas, coking plant. $2,000,000.

POWER DEVELOPMENT—**Port Alice, B. C.**—British Columbia Pulp & Paper Co. Ltd. constructing power development. $500,000.

Bids Desired

TREATED TIES, etc.—**New York, N. Y.** —Nov. 13, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., treated and untreated ties, contact rail, protection boards, (Order 10), for use in constructing Rapid Transit R.R.

DUCT LINE—**New York, N. Y.**—Nov. 16, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., duct line in Isham St. between Bway and Substation 1, on 10th Ave. near Isham St.

PIER—**New York, N. Y.**—Nov. 21, by A. Goldman, comr. Plant & Structures, Municipal Bldg., constructing piers for Ludlow Avenue Bridge, over Bronx River.

TANKS, etc.—**Bayonne, N. J.**—See "Contracts Awarded."

FIELD HOUSES—**Kearny** (sta. Arlington), **N. J.**—Nov. 9, by Bd. Educ., Kearny High School, Devon St., 2 field houses at Kearny High School, between Garfield Ave. and King St. Guilbert & Betelle, Chamber of Commerce Bldg., Newark, archts.

HANGAR — **Miami, Fla.** — Nov. 13, by City, hangar at air field. Noted Oct. 25.

AIRPORT — **St. Petersburg, Fla.** — See "Contracts Awarded."

AIRPORT—**Akron, O.**—Nov. 20, by F. E. Swineford, dir. P. Serv., grading Akron Municipal Airport west of Massillon Rd. and between Triplett and Emmitt Rds. E. A. Kemmler, Municipal Bldg., engr. Noted Apr. 19.

GAS PIPE LINE—**Texas**—See "Contracts Awarded."

HYDRO-ELECTRIC DEVELOPMENT—**Tacoma, Wash.**—City Council, I. S. Davison, comr., bids about Dec. 1, 2nd unit Cushman Project, incl. dam across canyon north fork Skagit River, 1.5 mi. below Cushman Dam, tunnel to divert water from point near rim of basin to point 2.5 mi. below, from where water will be conducted by steel penstocks to power house on Hood Canal, power house, generating machinery. Noted Sept. 20.

OVERHEAD CROSSING — **California** — Nov. 21, by State Hy. Comn., Sacramento, rein.-con. and concrete encased structural steel girder overhead crossing, incl. six 40 ft. and eleven 30 ft. spans on rein.-con. steel bents over Southern Pacific R.R., near Benham; 100 ft. rein.-con. arch culvert at Rincon, both Santa Barbara Co. C. H. Purcell, P. Wks. Bldg., Sacramento, state engr.

Bids Received

TRAINING CAMP — **San Luis Obispo, Calif.**—U. S. Disbursing Officer, 1021 Forum Bldg., Sacramento, Oct. 26, general contract 15 kitchen and mess halls, 1 truck garage, extending water, sewer and electric lines at National Guard Training Camp, for State and Federal Government, from R. E. Bergund, Beverly Hills, $35,940; plumbing, from J. A. Freitas, 2811 East 10th St., Oakland, $8,874; electrical work, from Kline Electric Shop, Los Angeles, $3,932. Noted Oct. 18.

Contracts Awarded

RIVER WALL—**Brighton** (sta. Boston), **Mass.** — Commonwealth of Massachusetts, Metropolitan Dist. Comn., Boston, river wall, Cambridge St., to Bay State Dredging & Contg. Co., 62 Condor St., East Boston, $44,300.

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Route 109, Sect. 6, to Rodgers & Haggerty, Grand Central Terminal, New York, $2,679,408. Noted Nov. 1.

FOUNDATION — **Buffalo, N. Y.**—See "Buildings—Commercial under Proposed Work."

HEATING, VENTILATING and PLUMBING—**Elmsford, N. Y.**—Bd. Educ., Dist. 9, Town of Greenburgh, heating, ventilating and plumbing in school, to Houckwell & Smith, Portchester, $40,625; electrical work, to G. A. Barker, Bronxville, $7,842.

STATION FINISH—**New York, N. Y.**— Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., station finish for 50th, 59th-Columbus Circle, and 72nd St. subway stations of Rapid Transit R.R., to Charles Meade & Co., 217 West 14th St., $44,060. Noted Oct. 11.

SUBWAY—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sect. 4, Route 106, Rapid Transit R.R., to Slattery-Daine Contg. Co., Bway. and 176th St., $5,232,390. Noted Oct. 25.

TANKS, etc.—**Bayonne, N. J.**—Petroleum Terminal Corp., West 1st St., large metal tank and pipe still buildings, Avenue A and West 1st St., separate contracts. $150,000. Private plans. Noted Nov. 1.

COMFORT STATION—**Harrisburg, Pa.**— City, general contract artificial granite comfort station, Continental Sq., to L. D. Menough, York, $37,487.

DOG TRACK, GRAND STAND, etc. — **Miami Beach, Fla.**—G. L. Rickard, 8th Ave. and 50th St., New York, general contract dog track, kennels, 90 x 115 ft. steel grand stand, 2½ story, rein.-con. clubhouse, 1 story keeper's cottage, to Harrison Constr. Co., Deering Est., Miami. Est. $150,000.

AIRPORT — **St. Petersburg, Fla.** — City, A. F. Thomasson, chn. Airport Com., Albert Whitted Airport, incl. grading, grassing, changing location power lines, telephones, underground cables, lighting and beacons, hangars, fencing, and service roads, day labor. First appropriation $27,500, final appropriation $105,000. J. Luchini, engr.

SHIPPING DOCK — **Saginaw, Mich.** — Chevrolet Motor Car Co., 3044 West Grand Blvd., Detroit, rein.-con. loading dock with craneway, gantry, Saginaw River, to Everett Winters, 1651 East Grand Blvd., Detroit; dredging, earth embankment, to W. J. Meagher, Fay Blk., Bay City. Total est. $500,000. Noted Oct. 18.

STOCK YARDS and CHUTES—**Carroll, Ia.**—Armour & Co., 208 South La Salle St., Chicago, Ill., stock yards, 40 pens, loading and unloading chutes, to C. Johnson, Carroll, $43,900.

NATATORIUM—**Manitou, Colo.**—Manitou Plunge, Inc., c/o J. B. Rush, Atlers Hotel, Colorado Springs, 3 story, 110 x 188 ft., concrete, stucco natatorium, to Advance Constr. Co., 1601 East 25th St., Denver, $80,000.

GAS MAIN, etc.—**Pueblo, Colo.**—Pueblo Gas & Fuel Co., A. M. Talbott, mgr., 122 West 5th St., 10 in. iron, high pressure gas feeder main, welded joints, automatic regulation station. Owner builds. L. F. Babcock, engr.

LIGHTING SYSTEM — **Los Angeles, Calif.**—Ornamental lighting system on Redondo Blvd., Highland Ave., to G. W. Kemper, 3701 Overland Ave., $40,515. Noted Sept. 20.

STAGE — **Los Angeles, Calif.** — Warner Bros. Pictures, Inc., 5842 Sunset Blvd., 1 story, 203 x 1,330 ft., rein.-con., steel, stage, 5843 Sunset Blvd. $40,000. Owner builds. Architectural Dpt., c/o owners, L. Geib, in charge, archts.

Materials

Bids Desired

LUMBER—**New York, N. Y.**—Nov. 13, by P. J. Dooling, comr. Purchase, Municipal Bldg., lumber and piles to Dpt. Plant & Structures.

BRIDGE LUMBER, etc.—**Indianola, Ia.** —Nov. 15, at office Auditor Warren Co., 208,000 ft. standard sawed fir bridge lumber, 20,000 ft. dimension lumber, 5,000 lin. ft. creosoted yellow pine piling, 2,600 lin.ft. corrugated culvert pipe. D. L. Thomas, Indianola, co. engr.

BRIDGE LUMBER — **Knoxville, Ia.** — Nov. 14, at office Auditor Marion Co., 5 cars rough standard sawed fir plank, 1 car creosoted 3/12 yellow pine plank, alternate bids on creosoted yellow pine or Tennessee red cedar piling. T. Johnson, Knoxville, engr.

GRAVEL—**Fresno, Calif.**—Nov. 16, by D. M. Barnwell, clk. Fresno Co., 2,000 tons gravel for road improvements.

GENERATOR SET—**Los Angeles, Calif.** — Nov. 19, by M. B. Beatty, clk. Los Angeles Co., 400 kw. motor generator set for Hall of Records.

Bids Received

CEMENT—**New York, N. Y.**—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., Oct. 31, 5,000 bags portland cement, from P. Solomone, 1358 Brook Ave., $3,075; 2,500 cu.yd. concrete and paving sand, from Lanigan Bros., Bronx River and 165th St., $4,875; 40,000 gal. tar for patching hot application, from Barrett Co., 17 Battery Pl., $5,600; spruce lumber, from J. E. and H. H. Pittinger, 2095 Bway., $1,089. Noted Oct. 25.

SEWER MANHOLE HEADS, etc.—**Jersey City, N. J.**—Bd. City Comrs., City Hall, 50 tons sewer manhole heads and covers, to Campbell Fdry. Co., 313 Manor Ave., Newark, at $0.0324 per lb. Noted Oct. 25.

Foreign

China—Nationalist Government plans improving channel, port development and fortifications on Pearl River, below Canton, E. P. Goodrich, 175 5th Ave., New York, engr.; also plans constructing new capitol building, at Nanking, H. Murphy, 1 Pershing Sq., New York, superv. archt.

See proposal advertising on page 130

Constr. News page 255

UNIT PRICES

Unit Price Lists Published in October, 1928

		Issue of
Bridge	Gulfport, Miss	Oct. 18
Grade elimination	Cleveland, O	Oct. 25
Paving	Woodward, Okla	Oct. 4
Paving	Los Angeles, Calif	Oct. 25
Road	Lyons, Kan	Oct. 25
Sewers	Seattle, Wash	Oct. 4
Sewers	Fayetteville, N. C	Oct. 4
Tunnel	Boston, Mass	Oct. 11
Tunnel	New York, N. Y	Oct. 18
Waterway	Illinois	Oct. 4

Dam—Pittsburgh, Pa.

Bids were opened by U. S. Engineer Office, Pittsburgh, Oct. 8, furnishing all labor and materials and performing all work required for fabrication, delivery and erection of one upper gate of two leaves and one lower gate of two leaves for 56-ft lock, and one upper gate of two leaves and one lower gate of two leaves for 110-ft. lock at Deadman Island Dam, Ohio River. Bidders are: (A) Independent Bridge Co., P. O. Box 1920, (awarded contract); (B) Heyl & Patterson, Inc., 50 Water St.; (C) Dravo Contracting Co., Dravo Bldg.; (D) Nashville Bridge Co., Nashville, Tenn. Unit bids follow:

	A	B	C	D
900,400 lb. structural steel	$0.0855	$0.0829	$0.0833	$0.08116
1,520 lb. nickel steel	.63	.4374	.485	.24
38,780 lb. cast steel	.18	.2324	.185	.17
66,491 lb. forged steel	.18	.1857	.18	.22
2,974 lb. bronze	.90	.6440	.585	.70
2,103 lb. pipe and fittings	.18	.2112	.215	.30
33,465 bd ft. oak timber	.144	.1744	.164	.185
Totals	$104,765	$104,864	$102,563	$103,566

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Dam—Graham, Tex.

Ten bids opened by City, Aug. 23, earthen dam on Flint Creek, difference between lowest and average, 11 per cent. Dam is 2,000 ft. long and 40 ft. wide. Side spillway built through rather soft sand rock, which probably can be used as rip-rap. Contractor expects to handle rock excavation by shooting and loading with heavy shovel. Earth work will be a wetted and rolled embankment (earth from borrow pits on both sides of dam) with minimum berm of 100 ft. Soil is sandy clay which can be loaded by shovel or elevating grader. Lowest four and highest bidders are: (A) Womack Construction Co., Plainview, (awarded contract); (B) Tibbetts Construction Co.; (C) L. J. Miles; (D) W. E. Callahan Construction Co.; (E) Irick Construction Co. Hawley & Freese, Capps Bldg., Ft. Worth, engineers.

	A	B	C	D	E
250,000 cu.yd. wetted and rolled emb	$0.35	$0.38	$0.35	$0.39	$0.39
22,000 cu.yd. solid rock excav.	.40	.50	1.25	.80	1.50
17,500 sq.yd. 12-in. rip-rap	.85	.80	.70	1.00	1.10
10,080 sq.yd. 18-in. rip-rap	1.25	1.25	1.10	1.25	1.70
17,500 sq.yd. stone blanket	.425	.30	.45	.40	.75
2,500 squares sodding	.23	.40	.75	.75	.30
2,000 sq.ft. steel sheet piling	1.50	1.20	2.40	.50	*.15
100 cu.yd. 1:2:4 conc	30.00	26.00	22.50	25.00	20.00
8 cu.yd. 1:2½:5 conc	25.00	25.00	15.00	16.00	18.00
20 cu.yd. 1:1:4 conc	20.00	15.00	7.00	14.00	10.00
10,000 lb. reinf. steel	.06½	.06	.05	.07	.06
110 lin.ft. handrailing	1.50	3.50	2.00	2.00	1.00
3 20-ft. sluice gates	525.00	1,400.00	450.00	240.00	400.00
1 16-in. gate valve	300.00	300.00	275.00	200.00	300.00
200 lin.ft. 16-in. glass "B" c.i. pipe	4.25	4.00	6.00	5.00	6.00
Totals	$141,928	$147,835	$158,943	$160,823	$186,815

*Wood piling

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Sewage Treatment Plant and Relief Trunk Sewer—Red Bank, N. J.

Bids were opened by Borough Council, Sept. 17, constructing sewage treatment plant (separate sludge digestion type) and relief trunk sewer, (100% dry construction; 62½ to 87½% machine; route 5.5% paved). Thirteen bids were received for the plant and twelve for the sewer. Unit prices of lowest eight and highest bidders are given below. Bidders on plant are: (A) H. L. Harrison & Son, Inc., 31 Clinton St., Newark, (awarded contract); (B) Suburban Engineering Co.; (C) Watchung Construction Co., Inc.; (D) Mahlon Averill; (E) W. L. Sowell, Inc.; (F) Forbes-Murphy Construction Co.; (G) S. S. Thompson & Co.; (H) Tuller Construction Co.; (I) Arnoldt-More, Inc. Trunk sewer: (A) H. L. Harrison & Son, Inc., (awarded contract); (B) Watchung Construction Co., Inc.; (C) S. S. Thompson & Co.; (D) J. L. Sigreto & Sons, Inc.; (E) Coast Construction Co.; (F) Tuller Constructon Co.; (G) Kuchar Bros.; (H) Mahlon Averill; (I) W. L. Sowell, Inc. H. Burdett Cleveland, 225 Bway., New York, engineer.

SEWAGE TREATMENT PLANT	A	B	C	D	E	F	G	H	I
2,860 cu.yd. earth excav., 70% exc. for large tanks, 12 ft. deep, wet, 18% misc. small exc., 12% grading	$1.50	$5.40	$4.00	$4.00	$3.00	$4.83	$5.50	$4.00	$6.00
5 cu.yd. rock excav	5.00	10.00	10.00	10.00	0.01	8.00	5.00	6.00	10.00
6,610 cu.yd. excess fill taken from river, silt cover to be removed first, includes grading and seeding and rolling beneath pipe lines	1.25	0.90	1.20	1.00	1.50	1.25	0.50	1.00	1.10
2,960 lin.ft. piling, 12 in. butts, over 20 ft. long	0.80	0.80	0.90	1.10	1.10	1.00	1.00	0.80	1.00
2,295 lin.ft. piling, 10 in. butts, under 20 ft. long	.75	.80	.90	1.05	.80	1.00	1.00	.75	1.00
1,100 cu.yd. 1:2:4 reinforced conc. (exclusive of sea wall and including reinforcement) 47% sides and bottoms of tanks 12 in.—30 in. 53% misc. small sections 6 in.-10 in	34.00	26.00	28.00	28.80	31.60	32.10	32.00	33.00	33.00
378 lin.ft. sea wall 11 ft. high, 37 sq.ft. section, 1½ in. gunite face (includes cofferdam, excavation, concrete, reinforcing and expansion joints, complete)	40.00	49.00	41.50	45.75	53.00	51.80	44.00	58.00	70.00

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(*Concluded on page 256a*)

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